



2019

CATALOGUE

Edition 5

PROVEN PROTECTION - POWERFUL PERFORMANCE



Welcome to Prolube Lubricants 2019 catalogue.

The Prolube range of products has been designed and manufactured to specifically meet the needs of its customers and continues to protect and prolong the life of your equipment.



Company Profile

Prolube Lubricants was formed in 1988 to formulate, blend and market a range of automotive, commercial, industrial and agricultural lubricants and greases specifically to perform and protect under the arduous Australian climatic and operational conditions meeting the most stringent of Australian and international standards. Prolube Lubricants remains wholly Australian owned and operates out of a newly constructed state-of-the-art blending facility in Brisbane QLD, Australia.

Prolube Lubricants supports a growing network of distributors throughout but not limited to Australia, New Zealand and Fiji. With the experienced team we have, Prolube will continue to explore and service new opportunities with great success.

The Prolube Lubricants Personnel aim to build long-term, mutually-beneficial relationships with all of our customers. Prolube prides itself on its enviable reputation for its consistent quality of product and service to its customers while still being competitive in the market place.

Our Mission

Prolube's mission is to be the unparalleled lubricants supplier In Australia. Our success is based on our ability to consistently provide product as well as better and more effective solutions for our customer's ever changing needs. We commit to being innovative and responsive whilst maintaining products and services to our customers at competitive prices. Our goal is to ensure we meet our customer's, staff's, suppliers' and management's expectations in the delivery of our products and services to the marketplace.

The Prolube People

The Prolube team has a wealth of knowledge gained from years of service in the industry and are only too willing to pass on their advice for smarter, more efficient lubricant and equipment solutions. At Prolube, we recognise that our people are our most valuable resource. Regular training of our staff is essential in developing professional people to look after our customers.

The Prolube staff pride themselves in providing a solution to any Lubricant requirement with the highest of standards in customer satisfaction being met. Customer satisfaction is highly regarded at all levels of the company. To ensure high customer satisfaction, we ensure that our customers are seen regularly from their Territory Managers, quality product is being delivered in a timely manner and in full, technical support, customer service support, and accounting support is readily available when required.



Prolube Lubricants - designed to perform & protect

Prolube formulate, blend and market a range of automotive, commercial, industrial and agricultural lubricants and greases specifically to perform and protect under the arduous Australian climatic and operational conditions.



Quality products manufactured in Australia

Prolube Lubricants uses a revolutionary inline blending system that is widely recognised throughout the world as the most environmentally satisfactory method of blending quality lubricants. Prolube's manufacturing process uses high quality hydro treated Group II, Group III and IV Synthetic base oils with the latest technology additive chemistry and blends them to produce lubricants meeting the upper limits of the relevant specification range. We have access to international technological support including advice and development of new specifications and products. Our rigorous internal testing facility system guarantees a consistent quality in all of our products. We also make extensive use of the best independent laboratories in the development of innovative new products. Prolube Lubricants offer a wide range of products specific to segment and market, this includes: engine oils, transmission fluids, gear oils, hydraulic oils, greases and a diverse range of specialist products. These products are available in bulk as well as a variety of pack sizes including 1000 litre IBCs, 205, 60, 20, 5 and 1 litre pack sizes. Prolube offers Toll Blending and Private Label Services specific to any requirement by the customer.

Logistics Capability

Prolube Lubricants has invested heavily in its own delivery fleet to ensure the highest standards of customer service are offered to all our customers. We can provide a high degree of flexibility in delivery scheduling to accommodate any challenges that any given site may present.

While our main focus of company owned delivery operations is the Brisbane metropolitan area, we have engaged a number of high quality service providers to deliver our product right across the country.

Prolube Lubricants supports a growing network of distributors throughout but not limited to Australia, New Zealand and Fiji. With the experienced team we have, Prolube will continue to explore and service new opportunities with great success.

Quality & Guarantee

At Prolube Lubricants, we believe in developing true long term relationships with our clients through open communication channels and being up front at all times. We aim to provide you with the most comprehensive package of premium quality products, services and supplies available, at a competitive price to ensure our joint success in our respective market place.





Experience the Prolube Advantage

The Prolube was formed in 1988 to formulate, blend and market a range of automotive, industrial and agricultural lubricants specifically for the arduous Australian climatic and operational conditions.



Toll Blending & Private Label

Prolube Lubricants has the ability and capability to Toll Blend and Private Label products specifically to the requirements of what the customer needs. Prolube Lubricants formulate their products meeting and most cases exceeding the local and international industry specifications complying with SAE, ACEA and API guidelines.

Toll Blending Services:

- Custom formula blending
- Private Label
- Package Sizes to customer requirements
- Network Distribution
- Technical Support (SDS and PDS)

Private Label is a growing trend in lubricants in today's market. Some of the benefits of Private Labelled lubricants:

- Signifies corporate identity and recognition, growing corporate image.
- Full control over the marketing and positioning of Private Labelled products.
- Not competing against other distributors selling the same product.
- Revenue Opportunity
- Full Control of Products





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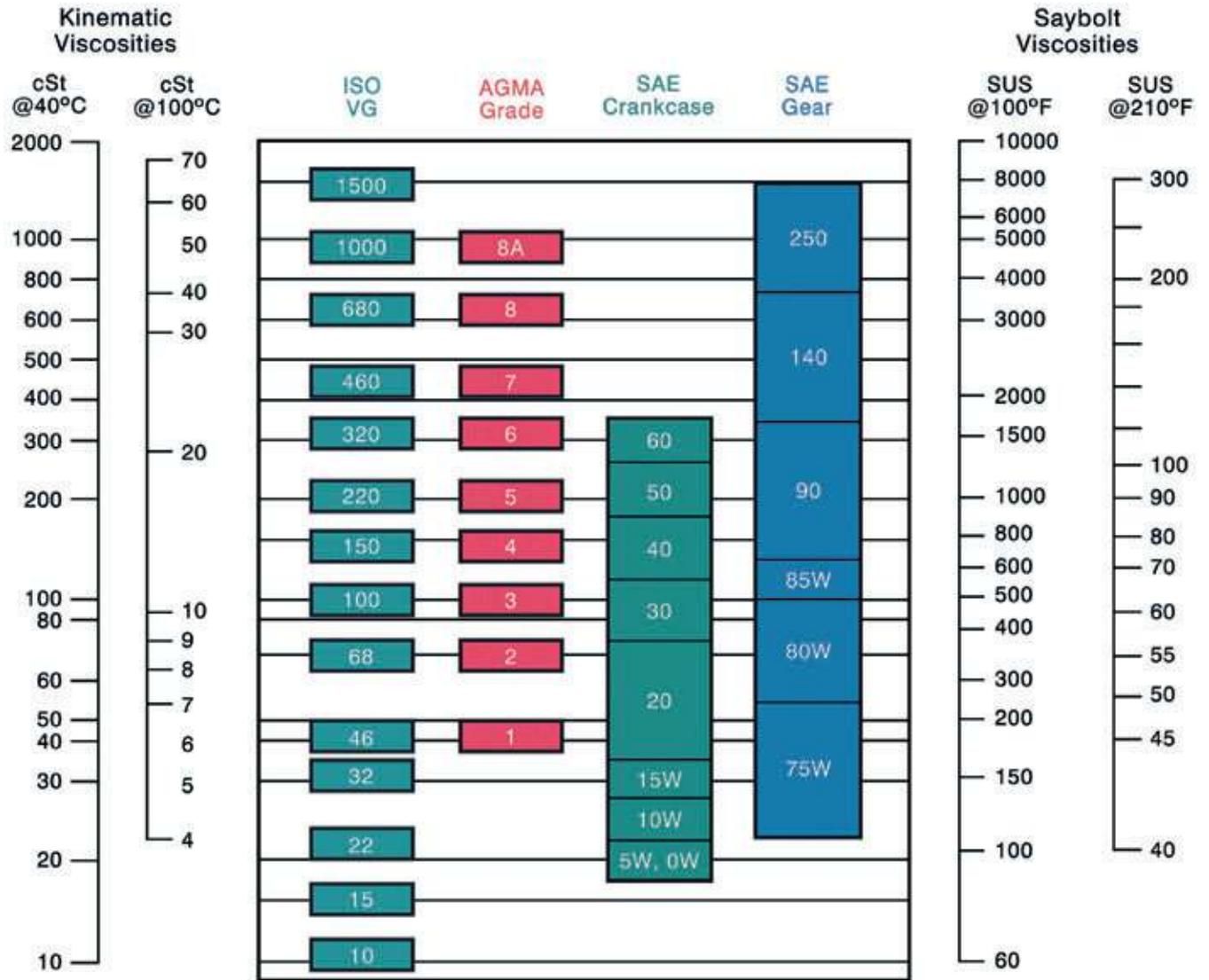
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Viscosity Comparison Chart





Passenger Car Motor Oils



Proven Protection, Powerful Performance



Passenger Car Motor Oils

SYNTEGRA C1 5W30



Syntegra C1 is fully synthetic motor oil formulated to meet the specific fuel economy requirements of modern passenger car diesel engines with diesel particulate filters (DPFs). Syntegra C1 is formulated with the latest Ultra Low SAPS additive technology to provide a stable, stay in grade product to meet the ACEA C1 specifications.

This product provides excellent fuel economy and protection against wear and oil oxidation to meet the longer oil drain requirements of many modern European diesels.

Syntegra C1 is designed for use in high performance light duty diesel engines where advanced after-treatment systems such as Diesel Particulate Filters (DPFs) and Three Way Catalysts (TWC) are used.

Syntegra C1 meets the requirements of modern diesel powered vehicles requiring ACEA C1 or C2 specification lubricants. This especially applies to many European manufactured vehicles.

Syntegra C1 is recommended for use where the manufacturer specifies a C4 type oil.

SYNTEGRA C2 0W30



Syntegra C2 0W30 is an ultra high performance, fully synthetic motor oil using the latest mid "SAPS" technology to provide optimum performance in current model petrol and diesel engines requiring low emission exhaust aftertreatment. It is suitable for naturally aspirated and turbocharged motors.

This product is particularly recommended where the manufacturer requires the use of lower viscosity multigrade oil or where vehicles encounter lower temperature operation, providing superior component protection at cold start-up. Its high performance, balanced additive formulation ensures cleaner running from superior deposit control and wear protection from the corrosion inhibitors and anti-oxidation chemistry.

This oil is designed for late model 4 stroke petrol engines, particularly multi-valve, multi-cam models requiring a low viscosity oil for fuel economy, low emissions and high performance. It is also ideal for modern car and SUV diesel engines. This ACEA C2 0W30 product is most commonly specified in engines post 2014, but also provides excellent protection in older engines. Suitable for passenger vehicles fitted with Diesel Particulate Filters (DPF).

SYNTEGRA C3 5W30 SN CF



Syntegra 5W30 is a fully synthetic motor oil which uses the latest additive technology to provide significantly better performance in late model petrol and diesel engines. It is suitable for naturally aspirated and turbocharged motors. It ensures better rust and corrosion protection, less oil oxidation and superior deposit control and wear protection.

This product is particularly recommended where the manufacturer requires the use of lower viscosity multigrade oil or where vehicles encounter lower temperature operation, providing superior component protection at cold start-up. This oil is designed for late model 4 stroke petrol and diesel engines, particularly multi-valve, multi-cam models requiring a low viscosity oil for fuel economy, low emissions and high performance. It is also ideal for modern car and SUV diesel engines.

It has been formulated for applications where 5W30 to 10W30 engine oils are specified. Suitable for passenger vehicles fitted with Diesel Particulate Filters (DPF).



Passenger Car Motor Oils

SYNTEGRA C3 5W40 SN CF



Syntegra 5W40 is a fully synthetic motor oil which uses the latest additive technology to provide significantly better performance in late model petrol and diesel engines. It is suitable for naturally aspirated and turbocharged motors. It ensures better rust and corrosion protection, less oil oxidation and superior deposit control and wear protection. This product is particularly recommended where the manufacturer requires the use of lower viscosity multigrade oil or where vehicles encounter lower temperature operation, providing superior component protection at cold start-up. This oil is designed for late model 4 stroke petrol and diesel engines, particularly multi-valve, multi-cam models requiring a low viscosity oil for fuel economy, low emissions and high performance. Syntegra 5W40 is also suitable for modern car and SUV diesels and for four stroke motor cycles fitted with wet clutches. It has been formulated for applications where 5W30 to 10W40 engine oils are specified.

SYNTEGRA A5B5



Syntegra A5B5 is a fully synthetic motor oil designed for use in high performance gasoline and light duty diesel engines that are specifically designed to use a low viscosity oil. This high SAPS product provides excellent fuel economy and protection against wear and oil oxidation to meet the longer oil drain requirements of many modern European, Korean and Japanese vehicles. Syntegra A5B5 is designed for use in high performance gasoline and light duty diesel engines which require oils meeting ACEA A5B5 specifications. Syntegra A5B5 is an energy conserving, "low viscosity" type engine oil formulated to give the maximum performance in current technology engines. It is also approved against Ford specification WSS-M2C913-D for additional fuel economy benefits in Ford engines used in all current Ford cars plus many Volvo, Jaguar and Land-Rover. This oil is unsuitable for some engines especially where diesel particulate filters are fitted. Consult owner manual or handbook if in doubt.

SYNTEGRA EZIFLOW 5W20 GF5 SN



Syntegra Eziflow is a fully synthetic motor oil formulated to meet the latest technical requirements of modern petrol and diesel engines. It is specifically targeted to the latest ILSAC and API requirements. The modern additive technology provides excellent protection against engine and valve train wear, while controlling oxidation and catalytic converter fouling. Using synthetic oils provides exceptional fuel efficiency. Syntegra Eziflow meets the requirements of ILSAC GF5 and API SN specifications, making it the recommendation for Chrysler, Ford and GM service fill. Syntegra Eziflow meets the requirements of ILSAC GF5 and API SN specifications, making it the recommendation for Chrysler, Ford and GM service fill.



Passenger Car Motor Oils

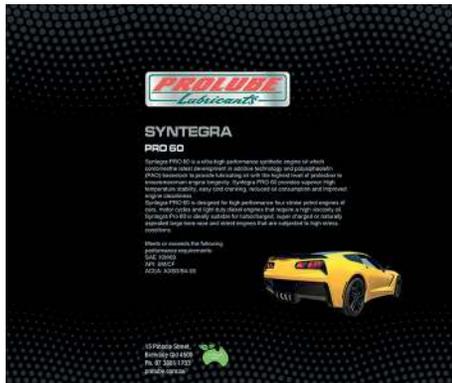
SYNTEGRA EUROTEC 5W30



Syntegra Eurotec 5W30 is a fully synthetic motor oil formulated to meet the latest technical requirements of a wide variety of modern petrol and diesel engines. Incorporating the latest SAPS (Sulphated Ash, Phosphorous and Sulphur) additive technology, it is suitable for a wide variety of today's FSI, TDI and Turbocharged engines.

Using synthetic oils provides exceptional fuel efficiency. Syntegra Eurotec 5W30 is recommended for applications requiring VW 504.00 (Petrol Engines) and VW507.00 (Diesel Engines), plus the latest Mercedes Benz and BMW specifications. It also meets the ACEA C3-12 (2008) specification required for Diesel engines fitted with Diesel Particulate Filters (DPF), Catalytic Convertors and Three Way Catalyst (TWC). Syntegra Eurotec 5W30 meets the Japanese JASO DL-1 specification, required for many Japanese diesel passenger cars.

SYNTEGRA PRO 60 10W60 SMCF



Syntegra PRO 60 is an ultra-high performance synthetic engine oil which combines the latest development in additive technology and polyalphaolefin (PAO) base stock to provide lubricating oil with the highest level of protection to ensure maximum engine longevity.

Syntegra PRO 60 provides superior high temperature stability, easy cold cranking, reduced oil consumption and improved engine cleanliness.

Syntegra PRO 60 is designed for high performance four stroke petrol engines of cars, motorcycles and light duty diesel engines that require a high viscosity oil.

Syntegra Pro 60 is ideally suitable for turbocharged, supercharged or naturally aspirated large bore race and street engines that are subjected to high stress conditions.



Passenger Car Motor Oils

SYNTEGRA Specifications

Meets or exceeds the following requirements :

SYNTEGRA	C1 5W30	C2 0W30	C3 5W30 SN CF	C3 5W40 SN CF
SAE Grade:	5W30	0W30	5W30	5W40
API:		SN	SM, SN, CF	SM, SN, CF
ACEA:	C1-16 (2016)	C2-16, (2016)	C3-16(2016), C2-16(2016)	C3-16(2016),C2-16(2016)
ILSAC:				
MB:		229.31, 229.51, 229.52	229.31, 229.51, 229.52	229.31, 229.51, 229.52
VW:		505.00, 505.01, 502.00	505.00, 505.01, 502.00	505.00, 505.01, 502.00
BMW:		Longlife 04	Longlife 04	Longlife 04
PSA:		B712290	B712290	B712290
Porsche:	WSS-M2C-934B	Yes	Yes	Yes
Ford:		WSS M2C948-B		
GM:			Suitable for use where GM Dexos 2 [®] is specified	
Jaso:			MA	MA
Jaguar L/Rover:		ST JLR.03.5004		
Volvo Car:		VCC RB50-2AE		
Chrysler:				
Containers:	5L, 20L, 205L	5L, 20L, 205L	5L, 20L, 205L	5L, 20L, 205L

Meets or exceeds the following requirements :

SYNTEGRA	A5B5	Eziflow 5W20	Eurotec 5W30	PRO 60
SAE Grade:	5W30	5W20	5W30	10W60
API:		SN, SM		SM/CF
ACEA:	A5/B5-16 (2016)		C3-16(2016)	A3/B3/B4-16(2016)
ILSAC:		GF5		
MB:			229.51	229.1
VW:			504.00, 507.00	501.01, 502.00, 505.00
BMW:	Longlife 01		Longlife 04	
PSA:				
Porsche:			C30	
Ford:	WSS-M2C-913C and 913D	WSS-M2C-945A/946A		
GM:		6094M		
Jaso:			DL-1	
Jaguar L/Rover:	ST JLR.03.5003			
Chrysler:				
Volvo Car:		MS 6395		
Containers:	5L, 20L, 205L	5L, 20L, 205L	5L, 20L, 205L	5L, 20L, 205L



Passenger Car Motor Oils

Meets or exceeds the following requirements :

PCMO	MULTITEC	HVX MULTI-V	HVX2000	HVX3000
SAE Grade:	10W40	10W30	20W50	25W60
API:	SN, CF	SN, CF	SG, CD	SG, CD, CF-4
ACEA:	A3/B4-16 A3/B3-16(2016)			
MB:	229.1, 229.3		228.1	
VW:	505.00, 502.00, 501.01			
Jaguar-Land Rover:	JLR 03.5003			
ILSAC:		GF-5		
JASO:	MA			
Containers:	1L, 5L, 20L, 205L, 1000L	1L, 5L, 20L, 205L	5L, 20L, 205L	5L, 205L

Meets or exceeds the following requirements :

PCMO	HVX 4000	HVX 5000	HVX MS	PREMIUM
SAE Grade:	10W50	40W70	15W50	15W40
API:	SN, CF	SG	SL, CF	SN, CF
ACEA:	A3/B4-16, A3/B3-16(2016)		A3/B4-16, A3/B3-16(2016)	
VW:	505.00, 502.00, 501.01		505.00, 502.00, 501.01	
MB:	229.3		229.1	
JASO:	MA		MA	
Containers:	5L, 20L, 205L, 1000L	5L, 205L	5L, 20L, 205L	5L, 205L



Passenger Car Motor Oils

Multitec 10W40 SN Semi-Synthetic Engine Oil



Multitec 10W40 SN is a new generation semi-synthetic, multi application engine oil using the latest additive technology to provide excellent performance in late model petrol and diesel engines. It provides the performance reserve required for oil in modern technology, late model, high stress applications. It provides the maximum protection against wear, corrosion, oxidation and sludge formation and it gives superior protection where vehicles encounter lower temperature operation with cold starts. Multitec is designed for most modern petrol and diesel engines, both naturally aspirated and turbocharged. It is particularly suitable for multi-valve multi-cam models requiring lower viscosity oil for fuel economy, low emissions and high performance. It is also well suited to four stroke motor cycles with wet clutches. Multitec may not be suitable for modern diesel engines fitted with diesel particulate filters (DPFs).

Meets or exceeds the following requirements :	
SAE Grade:	10W40
API:	SN CF
ACEA:	A3/B4-16
MB:	229.1 229.3
VW:	505.00, 501.01, 502.00
JASO:	MA
Containers:	1L, 5L, 20L, 205 litre

Premium 15W40 SN CF



Premium 15W40 SN CF 4 stroke engine oil uses the latest additive technology to provide excellent performance in late model petrol and light duty diesel engines. It is suitable for naturally aspirated and turbocharged motors. The formulation is designed to give excellent protection for the modern multi-cam engines and is engineered to prevent the harmful buildup of sludge, reduce oil deposits and provide daily protection for your engine and superior component protection at cold startup. This oil is designed for economy workshop servicing of late model 4 stroke petrol and diesel engines, particularly multi-valve, multi-cam models where medium viscosity oils provide improved high temperature high stress performance.

Meets or exceeds the following requirements :	
SAE Grade:	15W40
API:	SN CF
ACEA:	A3/B4-16
Containers:	5L, 205L, 1000 litre



Passenger Car Motor Oils

HVX Multi-V 10W30 SN



HVX Multi-V 10W30 is a heavily fortified oil which uses the latest additive technology to provide significantly better performance in late model petrol engines. It is suitable for naturally aspirated and turbocharged motors. It ensures better rust and corrosion protection, less oil oxidation and superior deposit control and wear protection.

This product is particularly recommended where the manufacturer requires the use of a lighter multi-grade oil or where vehicles encounter lower temperature operation, providing superior component protection at cold start-up. HVX Multi-V is designed for late model 4-stroke petrol motors, particularly multi-valve, multi-cam models requiring lower viscosity oils for fuel economy, low emissions and high performance. It has been formulated for applications where 5W30 to 10W30 engine oils are specified.

Meets or exceeds the following requirements :

SAE Grade:	10W30
API:	SN CF
ILSAC:	GF5
Containers:	1L, 5L, 20L, 205 litre

HVX MS 15W50 SL CF

HVX MS engine oil has modern technology for late model, high stress applications. It provides the maximum protection against wear, corrosion, oxidation and sludge formation and is particularly suitable for naturally aspirated and turbo-charged models.

HVX MS oil can be used in light and medium duty diesel engines and it provides enhanced valve train lubrication in modern unleaded petrol and LP gas motors. This product is also suitable for four stroke motorcycles fitted with wet clutches.

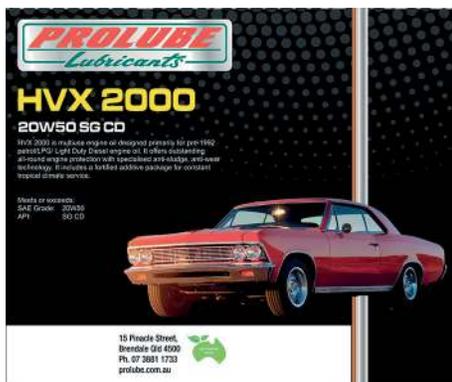
This oil is designed for all 4 stroke and rotary petrol motors using LP, ULP, PULP and LP gas fuels and requiring an SAE 15W50 engine oil.

Although it was specifically designed for post-1997 model motors, including multi-valve and turbo-charged motors, it is also suitable for light duty passenger car style diesel motors.

Meets or exceeds the following requirements :

SAE Grade:	15W50
API:	SL CF
ACEA:	A3/B4-16
MB:	229.1
VW:	505.00, 502.00, 501.01
JASO:	MA
Containers:	20L, 205 litre

HVX2000 20W50 SGCD



HVX 2000 is an all-purpose petrol/LP/Turbo/Light Diesel engine oil, designed for reliable, everyday motoring. It offers outstanding all-round engine protection with specialised anti-sludge, anti-wear technology. It includes a fortified additive package for constant tropical climate service.

Designed for pre 1992 4 stroke and rotary motors using LP, ULP, PULP and LPG fuels and requiring an SAE 20W50 engine oil. While it is designed to minimise oxidation, deposits and component wear in pre 1992 motors including turbocharged models, it is also suitable for light duty passenger car style diesel motors.



Passenger Car Motor Oils

HVX3000 25W60 SG CD



HVX 3000 is a high viscosity petrol/LPG/light diesel engine oil formulated for large 4, 6 and 8 cylinder sports and performance motors. It is designed for constant running, commercial applications and it provides extended protection for high mileage motors. In high mileage, high wear motors, it reduces oil consumption. This oil is designed for 4 stroke petrol motors using LP, ULP, PULP and LPG fuels and requiring a high viscosity engine oil to reduce oil usage and/or oil pressure drop in severe service. It is suitable also for light duty passenger car-style diesel motors.

HVX4000 20W50 SN



HVX 4000 engine oil has modern technology for late model, high stress applications. It provides the maximum protection against wear, corrosion, oxidation and sludge formation and is particularly suitable for naturally aspirated and turbocharged models.

HVX 4000 oil can be used in light and medium duty diesel engines and it provides enhanced valve train lubrication in modern unleaded petrol and LP gas motors. HVX 4000 is designed for all 4 stroke and rotary petrol motors using LP, ULP, PULP and LP gas fuels and requiring an SAE 20W50 engine oil. Although it was specifically designed for post 1997 model motors, including multi-valve and turbocharged motors, it is also suitable for light duty passenger car style diesel motors.

HVX5000 40W70



HVX 5000 is a high performance, high viscosity engine oil specifically blended for older motors showing signs of advanced wear. It provides excellent protection against wear, corrosion, oxidation and sludge deposits. The high viscosity enables this product to maintain oil pressure and lubricity even under extremely hot conditions. This oil is suitable for engines running on unleaded petrol or LP Gas.

HVX 5000 is designed for 4 stroke petrol motors using LP, ULP, ULP and LPG fuels and requiring a high viscosity engine oil to reduce oil consumption and component wear.

It is also suitable for sports and performance motors built with wide component clearances but it is not recommended for diesel, multi-valve or turbocharged motors.



Heavy Duty Diesel Engine Oil Products

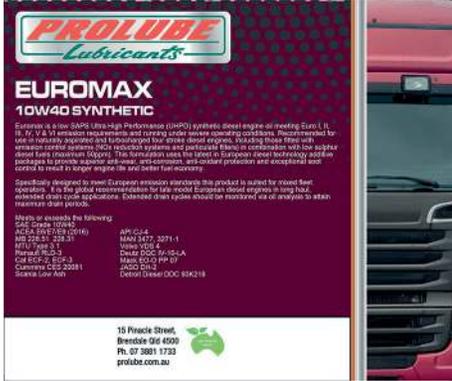


Proven Protection, Powerful Performance



Heavy Duty Diesel Engine Oils

Euromax 10W40 Synthetic



Euromax is a low SAPS Ultra High Performance (UHPD) synthetic diesel engine oil meeting Euro I, II, III, IV, V & VI emission requirements and running under severe operating conditions. Recommended for use in naturally aspirated and turbocharged four stroke diesel engines, including those fitted with emission control systems (DCE reduction systems and particulate filters) in combination with low sulphur diesel fuels (maximum 50ppm). This formulation uses the latest in European diesel technology additive packages to provide superior anti-wear, anti-corrosion, anti-oxidant protection and exceptional soot control to longer engine life and better fuel economy.

Specifically designed to meet European emission standards this product is suited for mixed fleet operators. It is the global recommendation for late model European diesel engines in long haul, extended drain cycle applications. Extended drain cycles should be monitored via oil analysis to attain maximum drain periods.

reduction systems and particulate filters) in combination with low sulphur diesel fuels (maximum 50ppm). This formulation uses the latest in European diesel technology additive packages to provide superior anti-wear, anti-corrosion, anti-oxidant protection and exceptional soot control to result in longer engine life and better fuel economy.

Specifically designed to meet European emission standards this product is suited for mixed fleet operators. It is the global recommendation for late model European diesel engines in long haul, extended drain cycle applications. Extended drain cycles should be monitored via oil analysis to attain maximum drain periods.

Meets or exceeds the following requirements :

Euromax	Synthetic	
SAE Grade	10W40	
ACEA	E6/E7/E9 (2016)	
API	CJ-4, CI-4, CI-4 Plus	
MB	228.51 228.31	
MAN	M 3477, M 3271-1	
MTU	Type 3.1	APPROVED
Volvo	VDS 4	
Renault	RLD-3	
Deutz	DQC IV-10-LA	
Cat	ECF-2, ECF-3	
Detroit Diesel	DDC93K218	
Mack	EO-O PP 07	
Cummins	CES 20081	
JASO	DH-2	
Scania	Low Ash	
Containers:	5L, 20L, 205 litre, Bulk	

Syntegra 10W50 CI-4 SL Synthetic



Syntegra 10W50 is a multi-function diesel/petrol/LPG engine oil incorporating the latest developments in synthetic lubricant technology. It provides enhanced engine component protection in high load, high performance and competition applications. There is the potential to significantly expand drain cycles and to achieve gains

in fuel economy as well as an upgraded capacity to with stand extreme heat and humidity.

Syntegra 10W50 is designed for all 4 stroke motors using LP, ULP, PULP, LPG and diesel fuels including multi-valve, turbocharged and supercharged models. It has been specifically designed for extended drain service intervals in extreme conditions and wide temperature variations. Oil analysis is recommended to achieve optimum drain periods.

Meets or exceeds the following requirements :

Syntegra 10W50	Synthetic
SAE Grade	10W50
API	CI-4, CH-4, SL
Jaso	DH-1
Cummins	CES 20076, 77, 78
Mack	EO-M PLUS, EO-N
ACEA	E7-16 (2016)
Mercedes MB	228.2 228.3
Volvo	VDS 3
Renault	RLD-2
MAN	M 3275
MTU	Type 2
CAT	ECF 1a, ECF-2
Detroit Diesel	DDC93K215
Global	DHD-1
Deutz	DQC III-10 LA
Allison	TES439
Containers:	5L, 20L, 205 litre



Heavy Duty Diesel Engine Oils

UltraPlus 15W40 CK-4



UltraPlus is designed to meet and exceed the latest American Petroleum Institute (API) specifications, to deliver a superior performance multigrade engine oil, for use in modern four stroke diesel engines, including those fitted with EGR (exhaust gas reticulation) DPF (diesel particulate filter) or SCR/Adblue

(selective catalytic reduction) systems. UltraPlus CK-4 is formulated for long haul extended drain cycle operations. UltraPlus CK-4 has exceptional performance as it is designed to combine the latest in diesel technology additive packages to provide superior anti-wear, anti-corrosion, anti-oxidant protection, exceptional soot control and improved fuel economy.

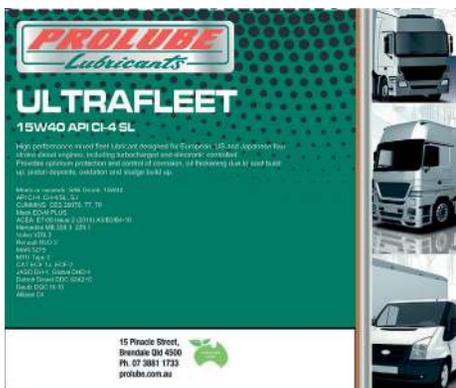
Being backwards compatible with the previous API versions, it is an ideal mixed fleet product while providing the best possible protection to the newest technology engines. UltraPlus CK-4 is recommended for all four stroke US built high performance heavy duty diesel engines, turbo charged or naturally aspirated as well as many of the latest European and Japanese heavy-duty and light duty commercial diesel engines. Extended oil drain periods can be achieved with this ultimate performance product.

Regular oil analysis will maximise your drain periods as well as provide you with valuable information to minimise the cost to your operation.

Meets or exceeds the following requirements :

UltraPlus	Mineral
SAE Grade	15W40
ACEA	ACEA E9-16 (2016)
API	CK-4 APPROVED
API	CJ-4, CI-4 Plus, CI-4 SL, SN
MB	228.3, 228.31
Cummins	CES 20086 APPROVED
Cummins	CES 20081
Caterpillar	ECF-3, ECF-2 APPROVED
MTU	Type 2.1
Detroit	DFS 93K222 APPROVED
Mack	EO-S4.5 APPROVED
Mack	EO-O Premium Plus
Volvo	VDS-4.5 APPROVED
Volvo	VDS-4
DEUTZ	DQC III-10 LA
JASO	DH-2
FORD	WSS-M2C171-F1
MAN	M 3275
Renault	RLD-4 APPROVED
Renault	RLD-3
Allison	TES439
Containers:	5L, 20L, 205 litre, 1000 litre Bulk

UltraFleet 15W40 CI-4 SL



UltraFleet 14W40 is a formulation of new generation high performance base oils and the most recent additive technology to meet the latest CI-4 performance requirements. UltraFleet 15W40 provides optimum protection and control of corrosion, oil thickening due to soot build up, piston deposits, oxidation, sludge build up and high temperature stability.

UltraFleet is a high performance mixed fleet lubricant designed for use in the latest European, US and Japanese four stroke diesel engines, including the new breed highly turbo charged and emission control designed engines.

UltraFleet is our primary recommendation for electronically controlled engines, where high soot loading is experienced and for extended drain or severe service conditions.

Extended drain intervals should be in compliance with the engine manufacturer guidelines and in conjunction with oil analysis checks.

Meets or exceeds the following requirements :

UltraFleet	Mineral
SAE Grade	15W40
API	CI-4 SL, CH-4 SJ
Cummins	CES 20076, 77, 78
Mack	EO-M PLUS, EO-N
ACEA	E7-16 A3/B4-16 (2016)
Mercedes MB	228.2 228.3
Volvo	VDS-3
Renault	RLD-2
MAN	M 3275
MTU	Type 2
CAT	ECF 1a, ECF-2
Detroit Diesel	DDC93K215
JASO	DH-1
Global	DHD-1
Deutz	DQC III-10 LA
Allison	TES439
Containers:	1L, 5L, 20L, 205 litre, 1000 litre bulk



Heavy Duty Diesel Engine Oils

HVX Turbo 15W50 CI-4 SL



HVX Turbo 15W50 combines the very latest additive technology and high quality base oils to provide a lubricant with exceptional performance in the latest model turbocharged diesel and petrol engines. This product ensures less oil thickening, better oxidation and corrosion resistance, less wear and improved all-round performance.

It is recommended for mixed fleet service where late model vehicles are in use, particularly where they work under hot or adverse conditions.

Designed for 4 stroke motors using LP, ULP, PULP, LPG and diesel fuels particularly in high performance applications. It is specifically designed as an alternative to synthetic lubricants and as a means of maintaining component protection in high stress applications.

Meets or exceeds the following requirements :

HVX Turbo	Mineral
SAE Grade	15W50
API	CI-4 SL, CH-4 SJ
Cummins	CES 20076, 77, 78
Mack	EO-M PLUS
ACEA	E7-16, B4/B3/A3-16 (2016)
Mercedes MB	228.3
Volvo	VDS 3
Renault	RLD-2
MAN	M 3275
DEUTZ	DQC III-10 LA
JASO	DH-1
GLOBAL	DHD-1
ALISON	TES439
DETROIT	DDC93K215
MTU	Type 2
CAT	ECF-1a, ECF-2
Containers:	5L, 20L, 205 litre

MaxiFleet 15W40 CG-4 SL



Maxifleet 15W40 is very shear stable, provides excellent protection against wear, corrosion and oxidation and ensures a high degree of engine cleanliness. It is suitable for naturally aspirated and turbocharged diesel and petrol engines including those running on unleaded petrol.

Designed for 4 Stroke

motors using ULP, PULP, LPG and Diesel fuels where a 15W40 engine oil is specified or indicated. It is specifically designed for pre 1997 North American style diesel motors requiring low ash engine oils. The primary recommendation is for mixed fleet operations.

Meets or exceeds the following requirements :

Maxifleet	Mineral
SAE Grade	15W40
API	CG-4 SL
Mack	EO-L
MTU	Type 2
ACEA	A3/B3-10, E7-08
Volvo	VDS
MAN	M 3275
Allison	C4
Mercedes Benz	228.2, 228.3
Containers:	5L, 20L, 205 litre, 1000 litre Bulk



Heavy Duty Diesel Engine Oils

Eurofleet 15W40 CI-4

Eurofleet CI-4 SHPD is a Super High Performance Diesel multigrade engine oil which gives outstanding performance in European turbo-charged diesel engines.

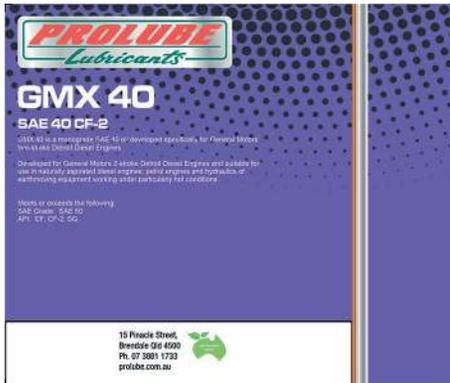
It is especially effective in reducing oil consumption and resists bore polishing. It is recommended particularly where extended oil drains are anticipated.

The primary recommendation is for long haul, European style diesels. Eurofleet is suitable for electronically controlled engines, where high soot loading is experienced and for extended drain or severe service conditions. Extended drain intervals should be in compliance with the engine manufacturer guidelines and in conjunction with oil analysis checks.

Meets or exceeds the following requirements :

Eurofleet	Mineral
SAE Grade	15W40
ACEA	E7-16, A3/B4-16(2016)
API	CI-4 SL, CH-4 SJ
Mercedes MB	228.2 228.3
Volvo	VDS 3
Renault	RLD2
MAN	M 3275
MTU	Type 2
CAT	ECF-1a, ECF-2
DETROIT	DDC 93K215
GLOBAL	DHD-1
Cummins	CES 20076, 77, 78
Mack	EO-M PLUS
Containers:	5L, 20L, 205 litre

GMX 40 SAE 40 CF-2



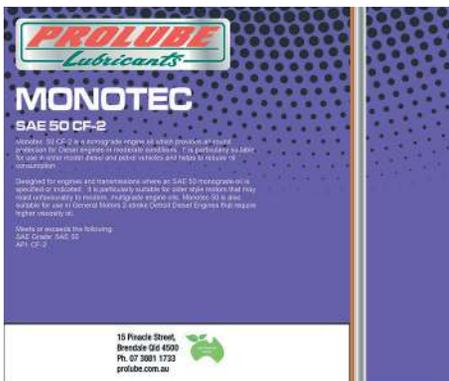
GMX 40 is a monograde SAE 40 oil developed specifically for General Motors 2 stroke Detroit diesel engines.

Developed for General Motors 2 stroke Detroit Diesel Engines and suitable for use in naturally aspirated diesel engines, petrol engines and hydraulics of earthmoving equipment working under particularly hot conditions.

Meets or exceeds the following requirements :

GMX 40	Mineral
SAE Grade	SAE 40
API	CF, CF-2, SG
Containers:	20L, 205 litre

Monotec GMX 50 SAE 50 CF-2



Monotec GMX 50 CF-2 is a monograde engine oil which provides all-round protection for Diesel engines in moderate conditions. It is particularly suitable for use in older model vehicles and helps to reduce oil consumption.

Designed for engines and transmissions where an SAE 50 monograde oil is specified or indicated. It is particularly suitable for older style motors that may react unfavourably to modern, multigrade engine oils. Monotec GMX50 is also suitable for use in General Motors 2 stroke Detroit Diesel Engines that require higher viscosity oil.

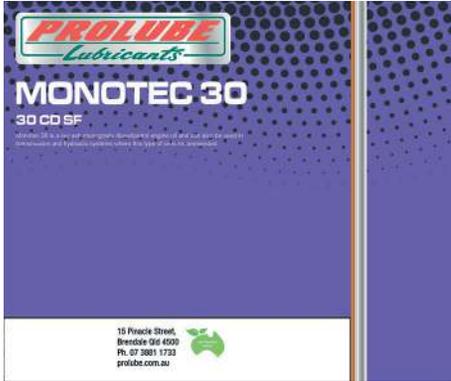
Meets or exceeds the following requirements :

GMX 50	Mineral
SAE Grade	50
API	CF, CF-2, SG
Containers:	5L, 20L, 205 litre



Heavy Duty Diesel Engine Oils

Monotec 30



Monotec 30 is a monograde oil originally developed to meet the Caterpillar Series 3 and Allison C3 requirements.

It is recommended also for use in GM Detroit diesel engines, which require oil with a low sulphated ash residue.

It can be used in petrol and diesel engines where monograde oil is preferred. It can be used also as hydraulic oil for earthmoving machinery.

Designed for engines, transmissions and hydraulic systems where an SAE 30 monograde oil is specified or indicated. It is particularly suitable for older style diesel motors that may react unfavourably to modern, multigrade engine oils. Its primary recommendation is as a running-in oil for rebuilt and reconditioned petrol and diesel motors subject to manufacturer's specification.

Meets or exceeds the following requirements :	
MONOTEC 30	Mineral
SAE Grade	SAE 30
API	CD SF
Containers:	5L, 20L, 205 litre

Monotec 40



Monotec 40 is a monograde oil originally developed to meet the Caterpillar Series 3 and Allison C3 requirements.

It is recommended also for use in GM Detroit diesel engines, which require oil with a low sulphated ash residue.

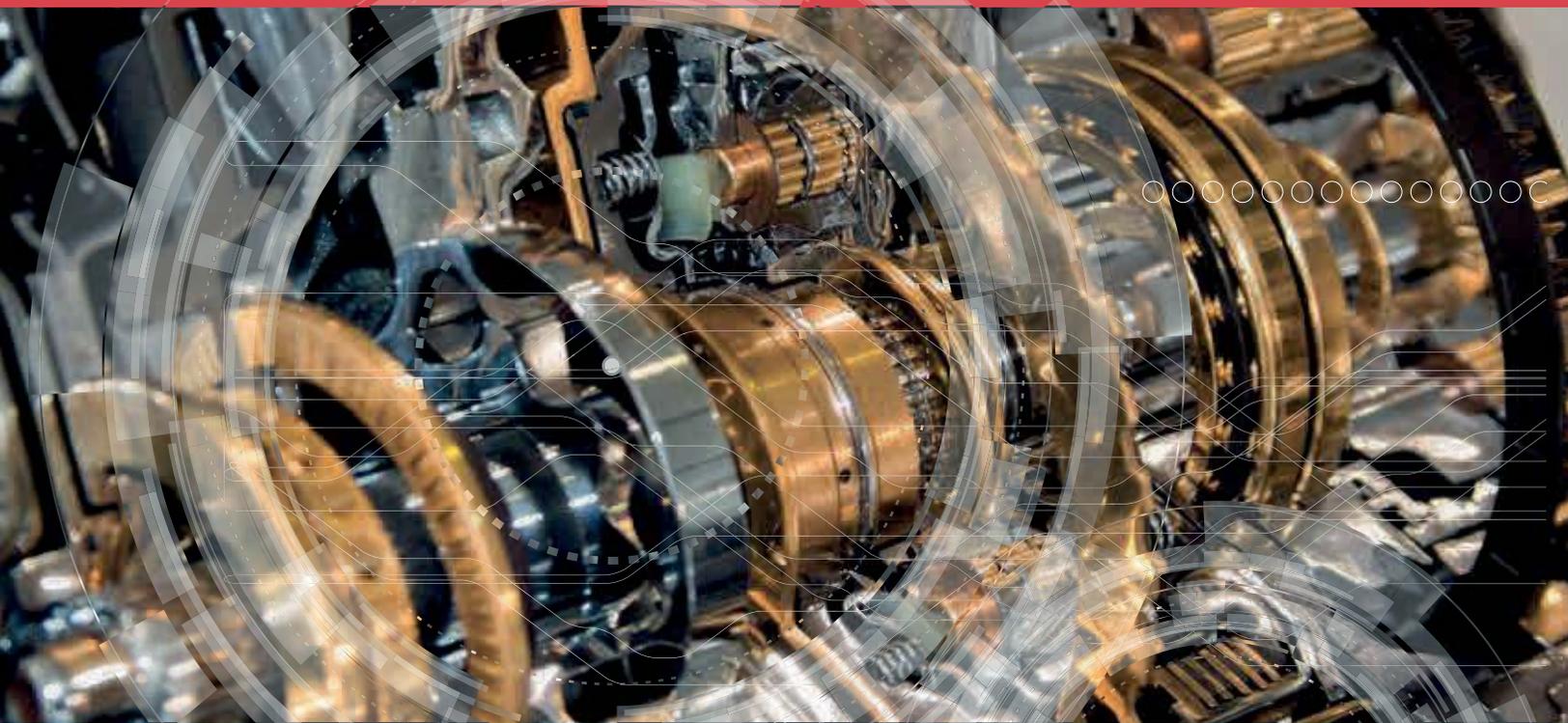
It can be used in petrol and diesel engines where monograde oil is preferred. It can be used also as hydraulic oil for earthmoving machinery.

Designed for engines, transmissions and hydraulic systems where an SAE 40 monograde oil is specified or indicated. It is particularly suitable for older style diesel motors that may react unfavourably to modern, multigrade engine oils. Its primary recommendation is as a running-in oil for rebuilt and reconditioned petrol and diesel motors subject to manufacturer's specification.

Meets or exceeds the following requirements :	
MONOTEC 40	Mineral
SAE Grade	SAE 40
API	CD SF
Containers:	5L, 20L, 205 litre



Auto Transmission Fluids



Proven Protection, Powerful Performance



Auto Transmission Fluids

AUTOMAX IID - Automatic Transmission Fluid



Automax IID is an Automatic Transmission Fluid formulated from high quality virgin base oil blended with an excellent additive pack to provide a lubricant which exceeds the requirements of the GM Dexron IIE/IID specifications.

This product can be used also in power steering and many hydraulic systems. Although Dexron II is originally a General Motors Specification, there are a number of other vehicle manufacturers who recommend the use of this fluid.

Designed for automatic transmissions, power steering systems, fluid drive systems and hydraulic systems where a Dexron II fluid is specified or indicated.

Meets or exceeds the following requirements :

General Motors	Dexron® II-E/II-D
Caterpillar	TO-2
Sperry, Vickers, Denison and Sunstrand for hydraulic pump systems.	
Containers:	1L, 5L, 20L, 60L, 205 litre

AUTOMAX IIID - Automatic Transmission Fluid



Meets or exceeds the following requirements :

General Motors	Dexron® III-H, III-G, III-F, III-E, III-D
Mercedes Benz	236.1, 236.5, 236.6, 236.7
ZF	TE-ML 02F, 04D, 09, 11A, 14A, 17C
Voith	55,6335 and 55,6336
Allison	C4, TES 389
Caterpillar	TO-2
Chrysler Trans	Transmissions (except where MS-9602 or MS-7 176 is specified)
Ford	Mercon®, Ford M2C138-CJ, M2C 166-H Fluids
Volvo	97340, 97341
MAN	339 Z1, V1, Z2, V2
Sperry, Vickers, Denison and Sunstrand for hydraulic pump systems.	
Containers:	1L, 5L, 20L, 60L, 205 litre

Automax IIID is an Automatic Transmission Fluid formulated from high quality base oils blended with an excellent additive pack to provide a lubricant which meets the specific requirements of the GM Dexron®III specifications.

Although Dexron® III is a General Motors specification for their vehicles, there are some hydraulic pump manufacturers who recommend the use of this fluid in their hydraulic pump applications. Designed for automatic transmissions, power steering systems, fluid drive systems and hydraulic systems where a Dexron® III fluid is specified.

AUTOSYN 6



Autosyn 6 is an Automatic Transmission Fluid formulated from Synthetic base oils blended with a new generation additive package to provide a highly shear stable automatic transmission fluid which meets the specific requirements of an extensive range of American, European and Asian vehicles and meeting Ford Mercon® V and Dexron VI. It extends transmission life via performance anti-wear additives, enhanced frictional properties for smoother gear changes, reduced deposit formations, longer service life due to the full synthetic base stocks and shear stable additive technology. A multi-vehicle ATF for use in the latest model American, European and Asian vehicles. Suitable for all Alfa Romeo, Fiat, Opel, & Scion vehicles plus most others as per the list of specifications.

Meets or exceeds the following requirements :

General Motors	Dexron® VI	Ford	MERCON-V®
JASO	1A	Allison	C3, C4
Toyota	T-III, T-IV	Hyundai/Kia	SP-II, SP-III
Containers:	5L, 20L, 60L, 205 litre		

Not recommended for Ford Type F/G DCT and CVT applications.

Auto Transmission Fluids

AUTOSYN 6 - Specification

Recommended for use in the following applications :	
AE	(LT71141 – ZF 5 Speed)
Alfa Romeo	(all vehicles)
Aisin Warner	AW-1, JWS 3309, JWS 3324, M315 A-1, T IV
Allison	C-3, C-4, TES 295, TES 389
American Motors	ATF +3 (SM7176-E, ATF+4 (MS9602)
AS	68 RC (T IV)
ATF	Type A Suffix A
Audi/VW	G 052 025-A2, G-052-162-A1, G-060-162-A2 G-055-025-A2 (JWS 3309) , G-055-005-A1,A2,A6, G-052-990-A2, G-055-162-A2, G-055-540-A2
Audi	5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A) 5 HP LT 71141 (G-052-162-A1, A2) 5 HP (ZF 5 HP 30)
Bentley	PY112995PA
BMW	ETL-7045, 7045E (83 22 0 026 922) 7045E (3 series), LA2634 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A) 5 HP LT 71141 (83 22 9 407 807) 5 HP (ZF 5 HP 30) ETL-8072B (83 22 0 024 359) 5 Series (Texaco ETL-8072B) MINI 83-22-0-402 413 9 (JWS 3309) 83-22-0-142516, 397114, 403249 83-22-2-152426, 163514 83-22-9-400272, 400275, 407765, 407858, 407859
Caterpillar	Power Shift TO-2
Chrysler	ATF +3 (MS 7176-E)/+4 (MS 9602)
Chrysler Dodge	MOPAR AS 68 RC (T IV)
Daimler	NAG-1
Daewoo	LT 71141
Daihatsu	Alumix Multi
DSIH	6P805
Esso	LT 71141
Fiat	(All vehicles), TYPE T IV
Ford/Mazda	V (XT-9-QMM5, FNR 5
Ford	MERCON® (XT-2-QDR, XT-2-QSM SYN), ESR- M2C-163-A2, Ford MERCON® V Ford MERCON® LV , Ford MERCON® SP Ford WSS M2C 922 A1, 924-A (XT-8-QAW) (JWS 3309)
GM	DEXRON® II, IID, IIE, III, IIIF, IIIG, IIIH GM DEXRON® VI, GM T IV, GM Type A GM 88900925, GM 9986195 (Aisin AW, JWS 3309)
Honda/Accura	ATF Z1, DW-1, Premium, Honda Z-1
Hyundai	NWS-9638, SP-II, SP-III, SP-IV, Apollo Red 1K, JWS 3314
Idemitsu	K17, Jatco 3100, PL085, ATF Red 1
Isuzu Bescio	ATFII, ATF III, Genuine ATF
Jaguar	ATF 3403 M115, LT 71141, JLM 20238, 8342
JASO	1-A, 1A-LV, JASO 2A-02
JATCO FWD	in Nissan, Rover 800, VW Polo (Texaco N402)
JATCO	Jaguar X Type 2001-2005 (Idemitsu K-17) 3100 PL085

Recommended for use in the following applications :	
JEEP	ATF+3, ATF+4
JWS	JWS 3309 (Aisin Warner), JWS 3309 (T-IV) JWS 3324 (WS)
KIA	ATF Red 1, SP-II, SP-III, SP-IV, Apollo Red 1K
Landrover	LT 71141, TYK500050
MAN	339F, V1, V2, Z1, Z2, Z3
Maserati	231603
Mazda	ATF-M III, ATF – MV
Mercedes Benz	223.1, 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.8, 236.9, 236.10, 236.11, 236.12 (NAG½), 236.14 (Sprinter), 236.15, 236.41, 236.81
MB	ZF 4 HP20 MB 5 Speed 1996-2006 (Shell 3403) 722.3, 722.4, 722.5, 722.6, 722.9
Mini Cooper	83 22 0 402 413 9 (JWS 3309, T IV)
Mitsubishi	Diamond SP-II, SP-III, SP-IV, Dia, ATF PA
Nissan/Infiniti	Matic D/J/K/S/W 402
NAG 1	Jeep Cherokee
NAG 2	Chrysler
Opel	All vehicles
Peugeot	ZF 4 HP20, AL-4 (PSA)
Porsche	ATF 3403-M115, LT 71141, T IV (JWS 3309)
Queen	J2, J3
Renault	DP-0
SAAB	T IV (JWS 3309) 93 165 146, 93 165 147 AW-1 (93 165 147), 93 160 393, Aporoil
Saturn	T IV (JWS 3309), 22689186
Scion	All vehicles
PL085	ATF Red 1
Shell	M 115, L12108 3403, 3353, LA2634, M-1375.4, .5, .6, M-12108, ATF-134, SP-II SP-III
Subaru	ATF, ATF HP, KO140Y0700, SOA868V9241
Suzuki	ATF 3309, 3314, 3317
Texaco	ETL-7045E, ETL-8072B, N402
Toyota	T-II/T-III/T-IV, D-2, WS
Voith	G607 G13636 (55.6336.XX) Voith Turbo H55.6335.3X
Volvo	97340, 97341, T IV (JWS 3309) Pass. Car 1161521, 1161540, 1161640, 1161621, 31256774, 31256675
VW	5 HP LT 71141 (ZF 5 HP 18FL, 19FL, 24A) 5 HP LT 71141 (VW G-052-162-A1, A2) G-052-182-A2 5 HP (ZF 5 HP 30) TL 521 62 TL 52162, 52533
ZF	ZF 3 and 4 speed transmissions ZF S671 090 255 (6–Seed) ZF TE ML 02F, 03D, 04D, 05L, 09, 11A, 11B, 14A, 14B, 14C, 16L, 16M, 17C, 20B, 20C, 21L ZF Lifeguard Fluid 6



Auto Transmission Fluids

AUTOMAX F4 85/95 Automatic Transmission Fluid



Automax F4 is an Automatic Transmission Fluid formulated from high quality virgin base oil blended with a superior additive pack to provide a lubricant which meets the requirements of the Ford LE 4 speed Transmission. Although this fluid was developed for this particular application, it also meets the requirements of a number of other manufacturers, including some MERCON and DEXRON II applications.

Designed for automatic transmissions fitted to Ford vehicles, where a BTR 5M-52 5LE/95LE fluid is specified or indicated.

Meets or exceeds the following requirements :

BTR 5M-52 85LE/95LE transmissions fitted to certain Ford vehicles.

Containers: 5L, 20L, 60L, 205 litre

AUTOMAX MTS Automatic Transmission Fluid

Automax MTS is an Automatic Transmission Fluid formulated from high quality base oils and additives to meet the recommendations of the Mitsubishi Magna automatic transmissions in particular models.

Although this fluid was developed for this particular application, it also meets the requirements of a number of other manufacturers, including some MERCON and DEXRON II applications.

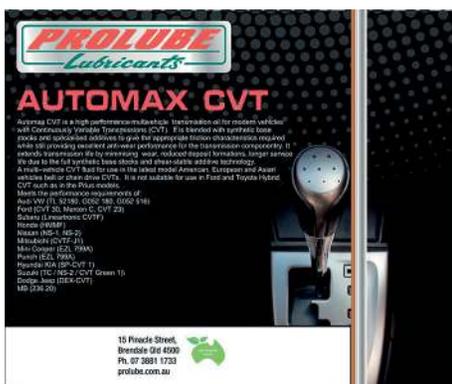
Use in automatic transmissions fitted to Mitsubishi, Hyundai and other vehicles where a MMAL ES-X64022SP2 Fluid is specified or indicated. It is specifically blended for the Mitsubishi damper clutch system, but also suitable for some Hyundai and Proton automatic transmissions.

Meets or exceeds the following requirements :

MMAL ES-X64022SP2

Containers: 5L, 20L, 60L, 205 litre

AUTOMAX CVT Automatic Transmission Fluid



Automax CVT is a high performance multi-vehicle transmission fluid for modern vehicles with Continuously Variable Transmissions (CVT). It is blended with synthetic base stocks and specialised additives to give the appropriate friction characteristics required while still providing excellent anti-wear performance for the transmission componentry. It extends transmission life by minimising wear, reduced deposit formations, longer service life due to the full synthetic base stocks and shear-stable additive technology. A multi-vehicle CVT fluid for use in the latest model American, European and Asian vehicles, belt or chain drive CVTs. It is not suitable for use in Ford and Toyota Hybrid CVT such as in the Prius models.

Meets or exceeds the following requirements :

Audi VW TL 52180, G052 180, G052 516

Ford CVT 30, Mercon C, CVT 23

Subaru Lineartronic CVTF

Honda HMMF

Nissan NS-1, NS-2

Mitsubishi CVTF-J1

Mini Cooper EZL 799A

Punch EZL 799A

Hyundai/Kia SP-CVT 1

Suzuki TC / NS-2 / CVT Green 1

Dodge Jeep DEX-CVT

MB 236.20

Containers: 5L, 20L, 205 litre

anti-wear performance for the transmission componentry. It extends transmission life by minimising wear, reduced deposit formations, longer service life due to the full synthetic base stocks and shear-stable additive technology.

A multi-vehicle CVT fluid for use in the latest model American, European and Asian vehicles, belt or chain drive CVTs. It is not suitable for use in Ford and Toyota Hybrid CVT such as in the Prius models.



Auto Transmission Fluids

AUTOMAX DCT Automatic Transmission Fluid



Automax DCT is a synthetic high performance multi-vehicle transmission oil for modern vehicles with Dual Clutch Transmissions (DCT). Automax CVT provides the appropriate friction characteristics required for wet clutches while

still providing excellent anti-wear performance for the transmission componentry.

It has excellent thermal and oxidation stability which ensures longer oil life and stable properties, contributing to long component life. Balanced extreme pressure (EP) additives provide protection against wear and gear pitting.

Meets or exceeds the following requirements :

Audi VW, SEAT, Skoda	(TL 052 182, TL 052 529)
Ford Gertrag	M2C936A (BOT 341)
BMW Gertrag	83 22 2 148 578, 83 22 2 148 579, 83 22 2 0 440 214, 83 22 2 147 477
Mercedes Benz	236.21 (001 989 85 03) 236.25
Peugeot/Citroen	9734.S2
Ferrari	TF DCT-F3
Fiat	BOT 341
Mitsubishi	MZ320065 Dia-Queen SSTF-I
Porsche	999.917.080.00 (FLL-3)
Renault Gertrag	BOT 450
Volvo	1161838 1161839
Containers:	5L, 20L, 205 litre



Transmission Oils



Proven Protection, Powerful Performance



Transmission Oils

Agtrans 410, 430, 450, 460 Transmission / Hydraulic Fluid



Agtrans 410, 430, 450 and 460 are sophisticated transmission oils which have been developed to meet a range of transmissions and hydraulic systems used in agricultural and on/off-road equipment.

They meet the requirements of the very latest Caterpillar TO-4, Allison C4, Komatsu and also Eaton and Dana manual transmissions. These oils provide excellent resistance to oxidation and friction and have desirable seal swell characteristics.

Agtrans 410/430 are the primary recommendations for Allison C4 (except "WT") and Caterpillar powershift transmissions. Agtrans 450/460 are the primary recommendations for most heavy duty on/offroad truck transmissions including Caterpillar, Fuller, Roadranger and Volvo.

Meets or exceeds the following requirements :

Caterpillar	TO4
Allison	C-4
Komatsu	
Eaton/Fuller	
ZF	TE-ML03/TE-ML01
Containers:	20L, 205 litre

AGTRANS HFD Final Drive Oil

Agtrans HFD 50 and Agtrans HFD 60 are premium heavy duty final drive lubricants which are specifically developed to meet the Caterpillar FD-1 Specification.

These lubricants contain a high level of anti-wear additive to provide superior protection for heavily loaded final drives and axles. These lubricants also allow extended drain intervals to 4000 hours with regular oil analysis.

Agtrans HFD oils are the primary recommendation for final drives and axles in off highway trucks, large track type tractors, loaders, skidders and pipe layers.

Though specifically designed to meet the Caterpillar specification, these oils are also suitable for Komatsu and other heavy duty off road equipment.

Agtrans HFD lubricants are used where products meeting Cat Specification TO-4 do not provide sufficient protection.

Important: Agtrans HFD oils must NOT be used in compartments containing friction materials or wet brakes.

STANDARDS

Meets performance requirements of major off road final drive manufacturers including Caterpillar Specification FD-1 Komatsu

Meets or exceeds the following requirements :

API	
Caterpillar	Specifications FD-1
Komatsu	
Containers:	IBC, 20L, 205 litre

Grade	50	60
Viscosity (cSt @ 40°C Typ)	225	330
Viscosity (cSt @ 100°C)	19.6	25.2
SAE Viscosity	50	60



Transmission Oils

Syntegra 70W75 GL 4 Synthetic Long Drain Gear Lubricant



Syntegra 70W75 gear oil is a premium full synthetic manual transmission lubricant designed for modern vehicles specifying low viscosity product to achieve improved fuel economy and long life. Syntegra 70W75 improves gearshift performance where higher viscosity products may be causing difficulty. It has been designed to overcome metal fatigue, wear and seizure normally associated with low viscosity, by maintaining the oil film thickness and improving the wear characteristics with additives.

Being a low viscosity product, it also gives extended drain intervals, and excellent thermal stability. Syntegra 70W75 is also compatible with mineral oils so there is no need for a major flush to be carried out prior to changeover under normal circumstances.

Syntegra 70W75 is recommended for manual gearboxes, transaxles and transfer cases where the manufacturer specifies API GL4 70W75 or 75W viscosity oil. This product is recommended for VW vehicles specifying VW G052 512 / 798, Land Rover Discovery and Freelander, BMW, Holden and Falcon vehicles with 6 speed manual gearboxes. Extended drain intervals should be regularly monitored through laboratory analysis.

Meets or exceeds the following requirements :	
SAE Grade	70W75
API	GL3 / GL4
Containers:	5L, 20L, 205 litre

Syntegra 75W85 GL4



Syntegra 75W85 gear oil is a full synthetic manual transmission lubricant that will provide better synchroniser performance, improve gear shifting at cold start, superior oxidation stability and extend drain intervals.

Syntegra 75W85 improves synchroniser performance and gear shift, reduced wear and extended life, extended drain intervals, excellent thermal stability. Syntegra 75W85 is also compatible with mineral oils so there is no need for a major flush to be carried out prior to changeover under normal circumstances.

Syntegra 75W85 is recommended for all manual gearboxes, transaxles and transfer cases where the manufacturer specifies API GL 3 or 4, 75W85 or 80W viscosity oil. Use where extreme service conditions are experienced or for competition and performance applications. Extended drain intervals should be regularly monitored through laboratory analysis.

Meets or exceeds the following requirements :	
SAE Grade	75W85
API	GL3, GL4
Containers:	5L, 20L, 205 litre



Transmission Oils

Syntegra 75W90 GL5 Synthetic Long Drain Gear Lubricant



Syntegra 75W90 is an extreme heavy-duty multi-application driveline lubricant featuring full blend synthetic technology. It has been formulated for manual gearboxes, transfer cases and differentials including standard, limited slip and locking types. It provides outstanding gear, synchroniser and bearing lubrication as well as excellent cold flow and gearshift quality. In addition, there is the potential to significantly extend drain cycles. This oil is designed for most automotive, transport and heavy equipment gear applications subject to equipment manufacturers' recommendations. It has been specifically designed for severe service high-heat, high-load and constant running commercial situations.

Meets or exceeds the following requirements :	
SAE Grade:	75W90
API	GL5
US Steel	224
Mack	GO-J
US Military	MIL-L2105D, MIL-PRF-2105E
SAE	J2360
AGMA	250.04
MT-1 Cincinnati Milacron	
Containers:	5L, 20L, 205 litre

Syntegra 75W140 GL5 Synthetic Long Drain Gear Lubricant



Syntegra 75W140 is an extreme heavy-duty multi-application driveline lubricant featuring full blend synthetic technology. It has been formulated for manual gearboxes, transfer cases and differentials including standard, limited slip and locking types. It provides outstanding gear, synchroniser and bearing lubrication as well as excellent cold flow and gearshift quality. In addition, there is the potential to significantly extend drain cycles.

This oil is designed for most automotive, transport and heavy equipment gear applications subject to equipment manufacturers' recommendations. It has been specifically designed for severe service high-heat, high-load and constant running commercial situations.

Meets or exceeds the following requirements :	
SAE Grade	75W140
API	GL5
Containers:	5L, 20L, 205 litre



Transmission Oils

Syntegra Transaxle 450 Synthetic Roadranger



Syntegra Transaxle 450 is a sophisticated, fully synthetic transmission oil that has been developed for use in Road Ranger transmissions and for automotive and industrial applications where extreme pressure properties are not required. The extremely high viscosity index and very low pour point provide a highly adhesive film to allow superior protection to gear teeth and bearings against wear.

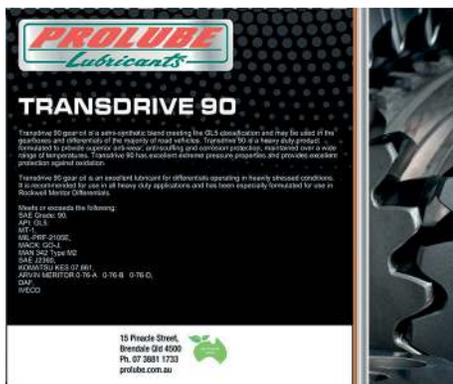
Syntegra Transaxle 450 can also be used where manufacturers' recommendation is for API GL-1 gear oil. It can also be used to lubricate various manual transmissions, spiral bevel axle assemblies and worm gear drives on commercial, farm and truck equipment.

Suitable for use in Eaton transmissions such as Ultrashift Plus, Fuller Advantage, RT and FR Series.

Meets or exceeds the following requirements :

API	GL-1
Containers:	20L, 205 litre

Transdrive 90 Gear Oil Semi Synthetic



Transdrive 90 gear oil is a semi-synthetic blend meeting the GL5 classification and may be used in the gearboxes and differentials of the majority of road vehicles. Transdrive 90 is a heavy duty product formulated to provide superior anti-wear, anti-scuffing and corrosion protection against oxidation.

Transdrive 90 gear oil is an excellent lubricant for differentials operating in heavily stressed conditions. It is recommended for use in all heavy duty applications and has been especially formulated for use in Rockwell Meritor Differentials.

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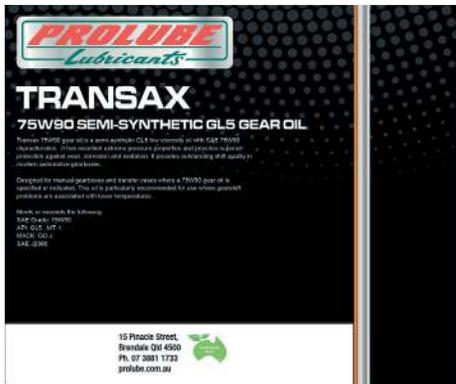
Meets or exceeds the following requirements :

SAE Grade	90
API	GL5, MT-1
Mack	GO-J
US Military	MIL-PRF-2105E
MAN	342 Type M2
SAE	J2360
KOMATSU	KES 07.861
ARVIN MERITOR	0-76-A 0-76-B 0-76-D
DAF, IVECO	
Scania	STO 1:0
ZF	TE-ML 05A, TE-ML 07A TE-ML 08, TE-ML 12E TE-ML 16B, TE-ML 16C TE-ML 16D, TE-ML 17B TE-ML 19B, TE-ML 21A
Containers:	20L, 205 litre



Transmission Oils

Transax 75W90 Semi Synthetic



Transax 75W90 gear oil is a low viscosity oil with SAE 75W90 characteristics. It has excellent extreme pressure properties and provides superior protection against wear, corrosion and oxidation.

It provides outstanding shift quality in modern automotive gearboxes.

Designed for manual gearboxes and transfer cases where a 75W90 gear oil is specified or indicated. This oil is particularly recommended for use where gearshift problems are associated with lower temperatures.

Meets or exceeds the following requirements :	
SAE Grade	75W90
API	GL5, MT-1
Mack	GO-J
SAE	J2360
Containers:	1L, 5L, 20L, 60L, 205 litre

Transax 80W GL4



Prolube Transax 80W gear oil is blended to meet the viscosity requirements of SAE 80W and is fortified with the latest additives to provide excellent protection against wear, oxidation and corrosion.

Transax 80W is recommended for all manual gearboxes where a GL4 oil is specified by the manufacturers. It provides easier gearshift, particularly in cooler ambient temperatures.

Meets or exceeds the following requirements :	
SAE Grade	80W85
API	GL4
Containers:	5L, 20L, 60L, 205 litre

Transax 80W90 GL5



Transax 80W90 gear oil is blended to the GL5 SAE, J2360 classifications and are used in the gearboxes and differentials of the majority of road vehicles.

Transax 80W90 meets the requirements of nearly all passenger vehicles and light trucks. They have excellent extreme pressure properties and provide excellent protection against wear, corrosion and oxidation.

TRANSAX 80W90 gear oil is designed for manual gearboxes and transfer cases and differentials where an 80W, 80W90 or SAE 90 gear oil is specified and are designed for passenger vehicles, light trucks, heavy trucks and off-road equipment.

Meets or exceeds the following requirements :	
SAE Grade	80W, 80W90, SAE 90
API	GL5, MT-1
Mack	GO-J
SAE	J2360
Containers:	1L, 5L, 20L, 60L, 205 litre



Transmission Oils

Transax 85W140



Transax 85W140 gear oil is blended to the GL5, J2360 classifications and are used in the gearboxes and differentials of medium and heavy on and off road vehicles. Transax 85W140 has excellent extreme pressure properties and provides excellent protection against wear, corrosion and oxidation. Transax 85W140 gear oil is designed for manual gearboxes, transfer cases and differentials in heavier vehicles where 85W140 or SAE 140 gear oils are specified.

Meets or exceeds the following requirements :

SAE Grade	SAE 140, 85W140
API	GL5, MT-1
Mack	GO-J
US Military	MIL-PRF-2105E
SAE	J2360
Containers:	1L, 5L, 20L, 60L, 205 litre

Transax LS90 & LS85W140 GL5



Prolube Transax LS90 and LS85W140 are special products that are used in certain types of limited slip differentials. As well as meeting all normal requirements for SAE 90 and 85W140 gear oils, they have a special supplement that enhances their performance as a rear axle lubricant. The premium additive pack provides anti-corrosion, anti-oxidisation and extreme pressure protection and allows use in normal gear applications and enhanced performance in limited slip differentials. These gear oils are designed for passenger vehicles, light trucks, heavy trucks and off-road equipment fitted with limited slip differentials.

Meets or exceeds the following specifications :

SAE Grade:	80W90, SAE 90 - SAE 140, 85W140
API	GL5
Mack	GO-J
US Military	MIL-L2105D, MIL-PRF-2105E.
ZF	TE - ML 05C, 12C, 16E, 21C
Arvin Meritor Axles	
Containers:	1L, 5L, 20L, 60L, 205 litre



Hydraulic Fluids



Proven Protection, Powerful Performance



Hydraulic Fluids

Hyplex H Series ISO 22, 32, 46, 68, 100 (High Viscosity Index Hydraulic Fluid)



Hyplex H Series Hydraulic Fluids are blended from high quality virgin base oils and special additive packages which give superior protection against oxidation, wear and corrosion. These fluids have a very high viscosity index, which prevents thinning out at high

temperatures and makes them eminently suitable for all types of hydraulic equipment working under extreme conditions. Hyplex H Series Hydraulic Fluids contain zinc anti-wear additives.

Use in the majority of hydraulic systems in earthmoving equipment, machine tools, forklifts, presses, rams and extruders or whenever the following specifications are required.

(Do NOT use in hydraulic equipment with silver bearing surfaces – in this case use zinc free Hyplex ZF Series Oils)

Grade	22	32	46	68	100
Viscosity (Typical cSt @ 40°C)	22	32	46	68	100
Viscosity (Typical cSt @ 100°C)	4.7	6	7.8	10.1	13.5

Meets or exceeds the following requirements :

Eaton Brochure 694 for 35VQ25A (formerly Vickers I-286-S, M-2950-S)

DIN 51524, Part 2 (HLP) and Part 3 (HVLP)

Cincinnati Milacron P.68, P.69, P.70.

Denison HF-1, HF-2, HF-0

ISO 11158 Categories HM and HV

General Motors LS2

ASTM D6158 Type HM and HV

AFNOR NF E 48-603 HM and HV.

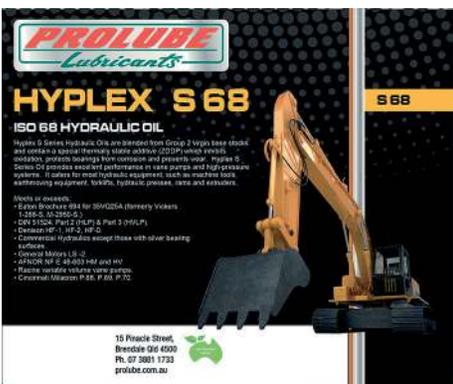
Commercial Hydraulics except those with silver bearing surfaces.

Racine variable volume vane pumps.

Containers: 20L, 205L, 1000 litre IBC, Bulk

Some grades are not available in all sizes

Hyplex S Series ISO 10, 15, 22, 32, 46, 68, 100, 150, 220 (Anti-wear Hydraulic Fluids)



Hyplex S Series Hydraulic Fluids are blended from HVI virgin base stocks and contain a special thermally stable additive (ZDDP) which inhibits oxidation, protects bearings from corrosion and prevents wear.

Hyplex S Series Fluids provides excellent performance in vane pumps and high-pressure systems. It caters for most hydraulic equipment, such as machine tools, earthmoving equipment, forklifts, hydraulic presses, rams and extruders.

Use in the majority of hydraulic systems in earthmoving equipment, machine tools, forklifts, presses, rams and extruders or whenever the following specifications are required. (Do NOT use in hydraulic equipment with silver bearing surfaces - in this case use zinc free Hyplex ZF Series Oils)

Grade	10	15	22	32	46
Viscosity (Typical cSt @ 40°C)	9.5	15	22	32	46
Viscosity (Typical cSt @ 100°C)	2.8	3.5	4.2	5.6	7.1

Grade	68	100	150	220
Viscosity (Typical cSt @ 40°C)	68	100	150	220
Viscosity (Typical cSt @ 100°C)	8.8	11.4	14.7	18.7

Meets or exceeds the following requirements :

Eaton Brochure 694 for 35VQ25A (formerly Vickers I-286-S, M-2950-S.)

DIN 51524, Part 2 (HLP) & Part 3 (HVLP).

Denison HF-1, HF-2, HF-0.

Commercial Hydraulics except those with silver bearing surfaces.

General Motors LS -2.

AFNOR NF E 48-603 HM and HV

Racine variable volume vane pumps.

Cincinnati Milacron P.68, P.69, P.70.

Containers: 5L, 20L, 205L, 1000 litre IBC, Bulk

Some grades are not available in all sizes



Hydraulic Fluids

Hyplex Turbine Oil

Hyplex Turbine Series Fluids are blended from highly refined thermally stable base oils and special additive packages which give superior protection against oxidation, wear and corrosion. This additive system also provides excellent water and air separation, to ensure reliable operation with minimal foaming and emulsification.

Hyplex Turbine Fluid can be used widely in steam turbines and hydro turbines with splash, bath and ring-oiling arrangements, and all other continuous circulation methods involving pumps, valves and ancillary equipment. This product series is recommended for continuous service in the lubrication of plain and rolling bearings and parallel shaft gearing.

Grade	32	46	68
Viscosity (Typical cSt @ 40°C)	32	46	68
Viscosity (Typical cSt @ 100°C)	5.5	7.8	10.1

Meets or exceeds the following requirements :

DIN 51515, PART 1 (L-TD), PART 2 (L-TG); ISO 8068;
 Siemens TLV 9013 04/01;
 British Standard BS 489; General Electric GEK 32568 F;
 MIL-L-17672 D; CEGB
 Standard 207001; Brown Boveri HTGD 90117; U.S.
 Steel 120; Westinghouse
 Electric Corp. Turbine Oil Spec.; Solar ES 9-224;
 Alstom HTGD 90117 V0001 S
 DIN 51524 PART 1, DIN 51517 PART 2, Cincinnati
 Machine P38, P55, P54, P57 P62
 AFNOR E48-603 HL
 DIN 51506 (VBL VCL VDL)
 ISO / DP 6521 (DAA DAB DAH DAG)

Containers: 20L, 205L

Hyplex ZF Series ISO 22, 32, 46, 68, 100 (Zinc Free Hydraulic Fluids)

Zinc Free Hydraulic Fluids are blended from high quality virgin base stocks and special additives that allow their use in hydraulic systems, which have equipment with silver bearing surfaces. These oils contain anti-corrosion, anti-oxidant and anti-wear additives and provide high resistance to thickening in service. They are totally zinc free.

Use in all hydraulic systems and, in particular, in hydraulic systems with components with silver bearing surfaces that are vulnerable to attack from standard hydraulic oils.

Grade	22	32	46	68	100
Viscosity (Typical cSt @ 40°C)	22	32	46	68	100
Viscosity (Typical cSt @ 100°C)	4.7	6	7.8	10.1	13.5

Meets or exceeds the following requirements :

DIN 51524, Part 1 (HL)
 DIN 51517 Part 2 (CL).
 Denison HF-1, HF-2, HF-0
 Lee Norse 100-1.
 Jeffrey No.87
 Ford M-6C32.
 US Steel 120 136, 127
 B.F.Goodrich 0152
 Vickers 1-286-S, M-2950-S
 General Motors LH-04-1, LH-06-1, LH-15-1
 AFNORE NF-E 48-603
 Racine variable volume vane pumps
 Cincinnati Milacron P38, P55, P54, P57, P62

Containers: 20L, 205L



Hydraulic Fluids

Hyplex Biogen Series (Bio-degradable Hydraulic Fluid)

HYPLEX BIOGEN is a canola based hydraulic fluid blended with a thermally stable ashless additive package, which inhibits oxidation, protects bearings from corrosion and prevents wear. Hyplex BIOGEN provides excellent performance in extremes of temperature and working conditions.

Hyplex Biogen is 90-95% biodegradable over a 30 day period.

The naturally high viscosity index of this product provides a wide viscosity range, making it a universal replacement in a variety of equipment.

Use in the majority of hydraulic systems in earthmoving equipment, machine tools, forklifts, presses, rams and extruders. Hyplex Biogen is of a particular advantage when used in environmentally sensitive areas, such as in construction and earthmoving around waterways.

Due to its natural base and its wide viscosity range this hydraulic fluid is ideal for use in a variety of machines.

Grade	68	36
Viscosity (Typical cSt @ 40°C)	68	36
Viscosity (Typical cSt @ 100°C)	14.5	8.5
Viscosity Index	225	226
Pour Point °C	-6	-6

Meets or exceeds the following requirements :

Denison HF-0 when used in T6H20C pump test

Containers: 20L, 205 litre

Transtec SAE 10W CF

Transtec 10W is a monograde oil originally developed to meet the Caterpillar Series 3 requirements. It contains a quality detergent dispersant additive pack to keep systems clean and to prevent sludge and varnish.

Designed for hydraulic systems where a low viscosity monograde SAE 10W oil is specified or indicated. The normal use for this oil is in the hydraulic systems of mobile plant where a high detergent oil with zinc anti-wear is specified.

Viscosity	Typical 6.9 cSt @ 100°C
Zinc Content	900 ppm wt typical

Meets or exceeds the following requirements :

SAE Grade 10W

API CF-2

Containers: 20L, 205 litre



Agricultural and Offroad Products



Proven Protection, Powerful Performance



Agricultural and Offroad Products

AGTRANS TTF Universal Tractor Transmission Fluid



Agtrans TTF is a high performance Tractor Transmission and Hydraulic Fluid, blended to meet the requirements of most modern Tractors and is suitable for applications where manufacturers specify a Tractor Transmission Fluid.

TTF also provides excellent frictional characteristics necessary to eliminate brake chatter or squawk in wet brakes.

Agtrans TTF has the added bonus of a corrosion inhibition package to coat and protect internal metal surfaces in periods of shut down such as between seasons.

This fluid is designed for use in tractors requiring a common lubricant for transmission, final drives, hydraulics and wet brakes. It has been Formulated for temperate to hot conditions where sustained thermal stability is essential.

Meets or exceeds the following requirements :

AGTRANS TTF	Mineral
API	GL-4 80W
Ford / New Holland	ESN-M2C 134-D, ESN-M2C86-B/C FNHA-2-C-200.00/201.00
Massey Ferguson	CMS M1135, CMS M1141, CMS M1143, CMS M1145
AGCO	Powerfluid 821 XL Q-186 (White Farm)
Case	MS1207, MS1210, MS1230
Case New Holland	CNH MAT3505, MAT3506, MAT3509, MAT3510, MAT3516, MAT3525, MAT3526, MAT3540
ZF	TE-ML05F, 03E, 06E, 06K, 17E, 21F
Kubota	Super UDT
Allison	C4
Caterpillar	TO-2
Volvo	VCE WB 101
John Deere	J20C, J20D JDM
Duetz-Fahr	
Komatsu	
Landini	
Renault	(Renault transmissions)
Same	(Same transmissions)
Class	(Renault transmissions)
Fendt	(Non Vario Transmission)
Containers:	5L, 20L, 205L, 1000 litre IBC,



Agricultural and Offroad Products

AGLUBE HTX Harvester Hydraulic Fluid



Prolube Aglube HTX is an exceptionally shear stable hydraulic fluid with excellent anti-wear, anti-foam, anti-corrosion and anti-oxidant properties. It has a very high viscosity index which prevents thinning out at high temperature.

Specifically blended to meet the stringent requirements of AUSTOFT and CAMECO DOWN UNDER cane harvesters but can be used in all hydraulic applications where high temperature and severe working conditions exist.

Meets performance requirements of all major hydraulic pump manufacturers including

Vickers	1-286-S, M-2950-S
DIN	51524, Part 2.
Parker Hannifin	HF-0
Lee Norse	100-1
US Steel	136, 127
Commercial Hydraulics except those with silver bearing surfaces.	
General Motors	LH-04-1, LH-06-1, LH-15-1
AFNORE	48-603
Racine variable volume vane pumps	
Cincinnati Milacron	P68, P69, P70
It is NOT for use in hydraulic equipment with silver bearing surfaces.	
Containers:	20L, 205 litre

AGLUBE MF (STOU) Super Tractor Oil Universal



Aglube MF STOU is designed for use in engine crankcases and transmissions, including wet brakes and hydraulics. It is a low phosphorous oil especially blended to give the highest level engine, gear and anti-squawk performance.

Recommended for use in the crankcase

of diesel and four stroke petrol engines, hydraulics, transmissions, final drives (API GL4 or less severe applications), wet brakes, power take-offs, hydrostatics and power steering.

Meets or exceeds the following requirements :

SAE	20W40
API	CF4 CF CE SF
ACEA	E2
Caterpillar	TO-2
Ford	M2C159B
John Deere	JDM J27
Massey Ferguson	M1139, M1144, M1145
Daimler Benz	Sheet 227.1, 228.1, 228.3
ZF	TE-ML06B, 06C O6D and 07B
Allison	C4
MAN	271
MIL	L-2104D
API	GL4 (Gear Oil)
Containers:	5L, 20L, 205 litre



Agricultural and Offroad Products

White Oil 15/32/46/68

White Oil is a white mineral oil specially processed and packaged to ensure full compliance with purity standards for use as a processing aid to lubrication oil in food, pharmaceutical and agricultural industries.

Special Handling Note: While the inclusion of an FDA approved inhibitor in White Oil greatly extends shelf life all white oils may darken and develop an odour if exposed to direct sunlight or stored at high temperatures. Accordingly White Oil should be stored at room temperatures or lower.

Viscosity	ISO 15	Typical 15 cSt @ 40°C
Viscosity	ISO 32	Typical 32 cSt @ 40°C
Viscosity	ISO 46	Typical 46 cSt @ 40°C
Viscosity	ISO 68	Typical 68 cSt @ 40°C

White Oil is recommended for a variety of applications in the Pharmaceutical and food industries and for general industrial applications where pharmaceutical grade white oil is required.

Typical applications include the following.

Pharmaceutical and cosmetic preparations such as ointments, and as carriers in the preparation of many curative drugs.

- Food processing and packaging operations where lubricating oil used as a processing aid may be included in food or food packaging material, or where direct contact between the lubricating, hydraulic, or rust proofing oil and food packaging material may occur.

- As an hydraulic fluid or bearing and gear lubricant in food processing and packaging machinery.

- General Industry, including: as a plasticiser for hydrocarbon resins, as process oil where extremely low sulphur contents are required, as a lubricant for sewing, knitting and cloth cutting machines where stainless oil is required, agricultural sprays, organic synthesis, plastics manufacture and animal husbandry.

- British Pharmacopoeia (BP)
- US Pharmacopoeia (USP)
- US National Formulary
- Deutsches Arzneibuch (DAB)
- US Food & Drug Administration (FDA) Regulations CFR 172.878, 178.3620(a), 178.3570 and 573.680. (Department of Primary Industries and Energy, Australian Quarantine and Inspection Service (AQIS) Type A Lubricants)

Containers:	20L, 205 litre
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CPS WASH (Cotton Picker Spindle Wash)



CPS Wash is a green emulsifiable liquid detergent used to keep cotton picker machine spindles clean and free of sap and plant debris especially where crops are green.

CPS Wash is added to the water tank to eliminate sap build up on spindles. It also provides fine lubrication to spindles to prevent spindle overheating, wear and corrosion.

The application rate should be up to 1% by volume added to the water or applied according to the machine operators handbook.

Reduces downtime by eliminating sap build up on spindles.

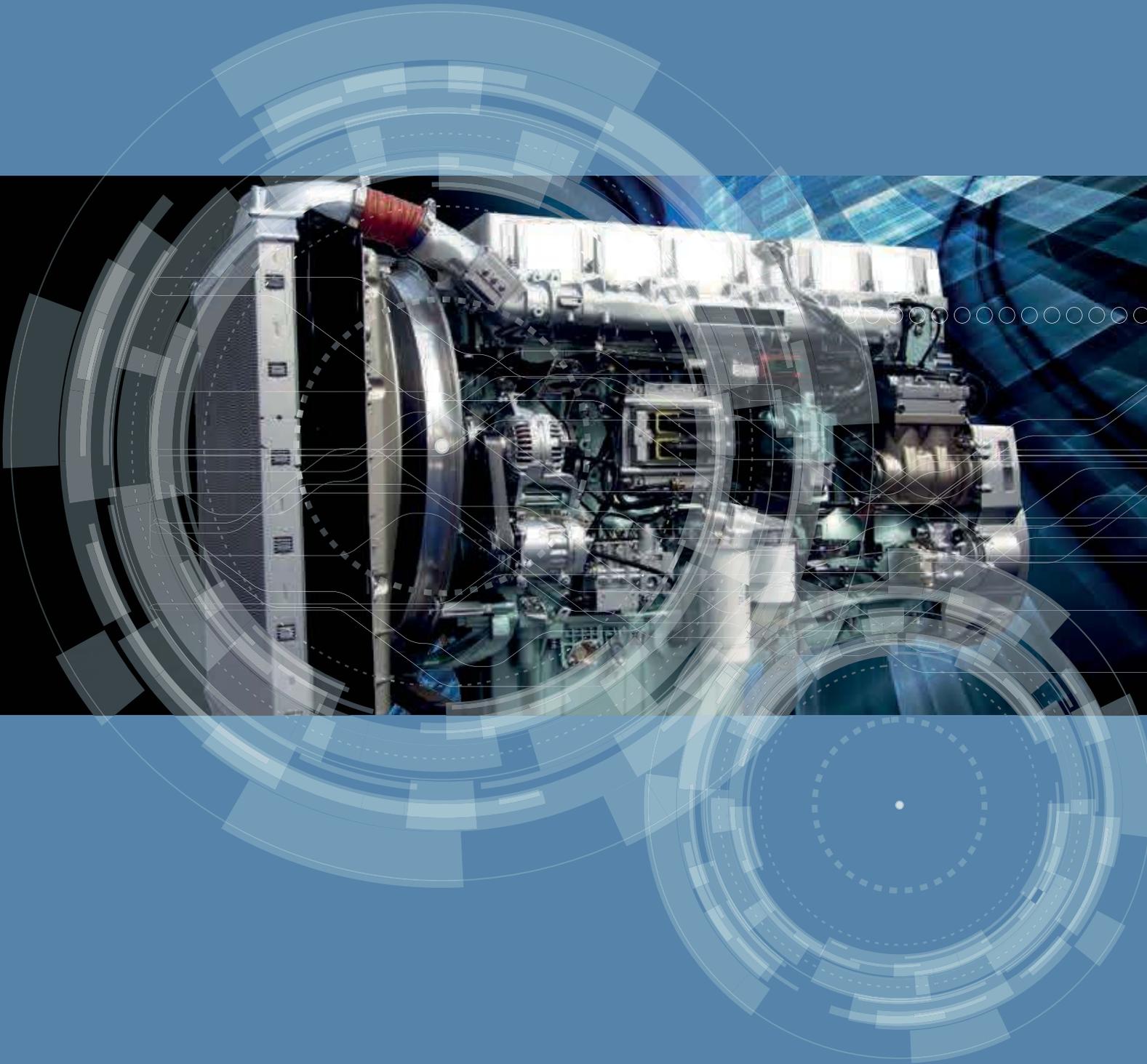
Prolongs equipment life by reducing wear and corrosion. Tolerates a wide range of water quality and types.

Biodegradable, non foaming and does not build up residue.

Containers:	20L, 205 and 1000litre IBC
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Coolants



Proven Protection, Powerful Performance



Coolants

PROGUARD Organic Longlife Coolant - Concentrate



Proguard Organic Longlife Coolant is a premium quality anti-boil/anti-freeze coolant Concentrate based on carboxylate technology and contains no silicates, borates, phosphates, nitrates, nitrites or amines. Proguard contains 90% monoethylene glycol and a double corrosion inhibitor package based on organic acid long-life technology. Proguard Organic Coolant has a service life of up to 10 years / 1,000,000 km in automotive passenger car applications or 600,000 km / 6,000 hours in heavy duty diesel applications. Proguard coolant maximises protection to all metals found in coolant systems. The organic acid-based coolants have proved far superior in protection of aluminium against hot spot corrosion and give excellent protection against cavitation, erosion and wet-sleeve liner pitting.

Application: Proguard Anti Boil/Anti-Freeze Longlife Coolant, when added to an automotive radiator, will raise the boiling point and lower the freezing point. Proguard is recommended for most heavy duty diesel and automotive applications. To extend the service life, testing and replenishment of the corrosion inhibitors is necessary. Typically mixed 50/50 with demineralised water.

Proguard Concentrate & Proguard 50 Premix coolants

are recommended for use where the following performance levels are quoted:

ProGuard Concentrate and ProGuard 50 Premix Coolant		
Specifications - Passenger Car		
AS 2108.1 : 2004 Type A	Daewoo - Ethylene Glycol Coolant	Lexus Toyota - Super LL Coolant
AFNOR NFR 15-601	Daihatsu - Ethylene Glycol Coolant	Mazda - Ethylene Glycol Coolant
ASTM D 3306, D4656, D4985, D6210	Dodge - Mopar HOAT	Mazda - FL22
BS 6580	Fiat - Parafu UP	Mercedes Benz 325.0, 326.0
Castrol Antifreeze NF	Ford ESE-M97B44-A, WSS-M97B51	Mitsubishi - Long Life Coolant
Caltex CX Engine Coolant	Ford ESE WSS-M97B44-D2, ESE M97-B18C	Nissan - EG Long Life Coolant
GM 1825 M	HN1897, HN2043, HN2217	Peugeot - Procor 2000 Glysantin G33
GM 1899 M	Honda Longlife Type 2 All Season	Porsche 000 043 203 78
Alfa Romeo - Parafu UP	Hyundai - Ethylene Glycol Coolant	Renault - EG Long Life Coolant D
Audi Skoda Volkswagen - G12 G13	Jaguar - WSS-M97B44-A	Subaru - Super Long Life Coolant
BMW - N 600 69.0	Kia - Ethylene Glycol Coolant	Suzuki - Ethylene Glycol Coolant
Citroen 9979.70/71/72	Land Rover - Ethylene Glycol Coolant	Volvo
Daimler Chrysler MS-7170 MS-976	Glysantin G05, G12++, G30, G33, G34	SAE J1034, SAE J9141
Holden HN1897, HN2043, HN2217	Holden GM 6277 M, GM 1899 M	Nissan NES 5059 LLC, NES M 5509
Toyota K2601G, K2601-1G	VW - G12, G12+, G11, TL-774-C	
Specifications - Medium and Heavy Duty Diesel		
AFNOR NFR 15-601	Caterpillar ELC	Caterpillar 1 EO 535
ASTM D 3306, D4656, D4985, D6210	Cummins 3666132	Volvo VCS
BS 6580	Mack VCS	Dennis Eagle Fleetguard
DAF 742002	DAF BTPS 606A	DAF DCEA 615
Freightliner Eagle Fleet Charge Powercool	Kenworth ALL Cool	Komatsu KES 07.892
Mitsubishi Fuso Genuine Diesel LL Coolant	Fuso SAE J814-C	Hino Genuine LL Coolant
Iveco Parafu 11	Iveco GM6038M	Iveco AC9-50
Isuzu (GM6277M & HN2217)	Japanese JIS K 2234	Jenbacher
Liebherr MD 1-36-130	MAN 324 SNF / 248	Saab Scania® 6901
Mercedes Benz Spec. 325.5	Mercedes Benz Spec. 325.0	Toyota K2601G - 1G
UD Long Life Coolant (Nissan)	Waukesha 4-1974D	Western Star ASTM 6210
SAE J 1034	JASO M 324	
Meets the phosphate-free requirements of European Manufacturers		
Meets the silicate-free requirements of Japanese Manufacturers		
Containers:	1000 litre IBC, 5 litre, 20 litre, 205 litre	

Proguard Red 50 is a diluted mix of 1 part concentrate to 1 part demineralised water



Coolants

PROGUARD RED Organic Longlife Coolant - Concentrate



Proguard Red Organic Longlife Coolant is a premium quality anti-boil/anti-freeze coolant Concentrate based on carboxylate technology and contains no silicates, borates, phosphates, nitrates, nitrites or amines. Proguard Red contains 90% monoethylene glycol and a double corrosion inhibitor package based on organic acid long-life technology. Proguard Red Organic Coolant has a service life of up to 10years /1,000,000 km in automotive passenger car applications or 600,000 km / 6,000hours in heavy duty diesel applications.

Proguard Red coolant maximises protection to all metals found in coolant systems. The organic acid based coolants have proved far superior in protection of aluminium against "hot spot" corrosion and gives excellent protection against cavitation, erosion and wet sleeve liner pitting.

Application: Proguard Red Anti Boil/Anti Freeze Longlife Coolant, when added to an automotive radiator, will raise the boiling point and lower the freezing point.

Proguard Red is recommended for most heavy duty diesel and automotive applications.

To extend the service life, testing and replenishment of the corrosion inhibitors is necessary.

Typically mixed 50/50 with demineralised water.

Proguard Red Concentrate & Proguard Red 50 Premix coolants are recommended for use where the following performance levels are quoted:

ProGuard Red Concentrate & Proguard Red 50 Premix Recommendations		
Specifications - Passenger Car		
Alfa Romeo - Parafu UP	Audi Skoda Volkswagen - G12 G13	AFNOR NFR 15-601
ASTM D 3306, D4656, D4985, D6210	AS 2108.1 : 2004 Type A	BMW - N 600 69.0
BS 6580	Caltex CX Engine Coolant	Castrol Antifreeze NF
Citroen 9979.70/71/72	Daewoo - Ethylene Glycol Coolant	Daihatsu - Ethylene Glycol Coolant
Daimler Chrysler MS-7170 MS-976	Glysantin G05, G12++, G30, G33, G34	SAE J1034, SAE J9141
Dodge - Mopar HOAT	Fiat - Parafu UP	Ford ESE WSS-M97B44-D2, ESE M97-B18C
GM 1825 M	GM 1899 M	Ford ESE-M97B44-A, WSS-M97B51
Holden HN1897, HN2043, HN2217	Holden GM 6277 M, GM 1899 M	Honda Longlife Type 2 All Season
Hyundai - Ethylene Glycol Coolant	Jaguar - WSS-M97B44-A	Kia - Ethylene Glycol Coolant
Land Rover - Ethylene Glycol Coolant	Lexus Toyota - Super LL Coolant	Mazda - FL22
Mazda - Ethylene Glycol Coolant	Mercedes Benz 325.0, 326.0	Mitsubishi - Long Life Coolant
Nissan - EG Long Life Coolant	Peugeot - Procor 2000 Glysantin G33	Porsche 000 043 203 78
Nissan NES 5059 LLC, NES M 5509	Renault - EG Long Life Coolant D	Subaru - Super Long Life Coolant
Suzuki - Ethylene Glycol Coolant	Toyota K2601G, K2601-1G	VW - G12, G12+, G11, TL-774-C
Volvo		
Specifications - Medium and Heavy Duty Diesel		
AFNOR NFR 15-601	Caterpillar ELC	Caterpillar 1 EO 535
ASTM D 3306, D4656, D4985, D6210	Cummins 3666132	Volvo VCS
BS 6580	Mack VCS	Dennis Eagle Fleetguard
DAF 742002	DAF BTPS 606A	DAF DCEA 615
Freightliner Eagle Fleet Charge Powercool	Kenworth ALL Cool	Komatsu KES 07.892
Mitsubishi Fuso Genuine Diesel LL Coolant	Fuso SAE J814-C	Hino Genuine LL Coolant
Iveco Parafu 11	Iveco GM6038M	Iveco AC9-50
Isuzu (GM6277M & HN2217)	Japanese JIS K 2234	Jenbacher
Liebherr MD 1-36-130	MAN 324 SNF / 248	Saab Scania® 6901
Mercedes Benz Spec. 325.5	Mercedes Benz Spec. 325.0	Toyota K2601G - 1G
UD Long Life Coolant (Nissan)	Waukesha 4-1974D	Western Star ASTM 6210
SAE J 1034	JASO M 324	
Meets the phosphate-free requirements of European Manufacturers Meets the silicate-free requirements of Japanese Manufacturers		
Containers:	1000 litre IBC, 5 litre, 20 litre, 205 litre	

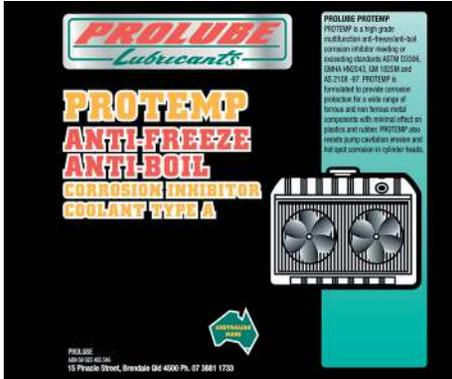
Proguard Red 50 is a diluted mix of 1 part concentrate to 1 part demineralised water



Coolants

PROTEMP

Anti-Freeze/Anti-Boil Concentrate Coolant (Green)



Protemp is a fully formulated ethylene glycol anti-boil / anti-freeze coolant concentrate. When added to the engine cooling system it gives year round protection by raising the boiling point whilst reducing the freezing point of engine coolants. The product provides the optimum protection for engines of both ferrous and aluminium construction against corrosion, cavitation, erosion and cold or high temperature damage with minimal effect on plastics and rubber. It is especially suitable for engines with air conditioning or other accessories.

PRECAUTIONS: This product is highly toxic and must be stored in an area not accessible to children or pets. Consult the SDS at www.prolube.com.au Protemp Anti-Freeze Anti-Boil Concentrate, when added to automotive radiator cooling systems will raise the boiling point and lower the freezing point as shown:

Desired Boiling Point °C	Min. Ambient Temp. °C	Protemp	Water
109°	- 34°	1 part	1 part
104°	- 19°	1 part	2 parts
104°	- 12°	1 part	3 parts

Proguard Organic Longlife Coolant is the preferred coolant for Heavy Duty Diesels.

STANDARDS

- | | |
|---|---|
| <ul style="list-style-type: none"> • ASTM. D3306 • GM.1825M/6043M • GMHA.HN2043 • AS/NZS 2108.1-97 • BS 6580 | <ul style="list-style-type: none"> • SAE J1034 • JIS K2234 • MES MN121AC-FAO4 MAZDA • ESE-M97B44-A FORD |
|---|---|

Containers: 1L, 5L, 20L, 200 litre

PROGUARD RCI

Long Life Organic Rust and Corrosion Inhibitor

Proguard RCI is a premium quality long life organic Rust and Corrosion Inhibitor. Proguard RCI is an organic acid technology formulation (OAT). This is a high performance product and should not be compared to lower quality and cost products that are available.

Proguard RCI gives superior protection to all metals found in engine cooling systems. It exceeds the performance requirements of Australian Standard AS/NZS 2108.1-2004 Type B coolant. It provides excellent protection against liner pitting in heavy duty diesel engines and is suitable for use in all vehicles where anti-boil/anti-freeze protection is not required.

Proguard RCI significantly reduces cavitation, erosion and increases the service life of water pumps, it is environmentally safe and biodegradable.

The recommended treat rate is 5-7 % with demineralised water. Service life is 100,000 kms/3 years in well maintained automotive engines and up to 4 years / 500,000 kms / 6,000 hours in well maintained heavy duty diesel cooling systems.

Proguard RCI is compatible with Proguard, Proguard XR and Proguard 50 coolants.

Proguard Organic Longlife Coolant is the preferred coolant for Heavy Duty Diesels.

- | | |
|------------------------|----------------------|
| • Nalco Maxitreat 3447 | • Powercool GF9477-C |
|------------------------|----------------------|

Appearance: Dark Green Liquid
 pH: 9.00-9.70
 Odour: Slight Odour
 Non flammable

Containers: 20L, 200 litre

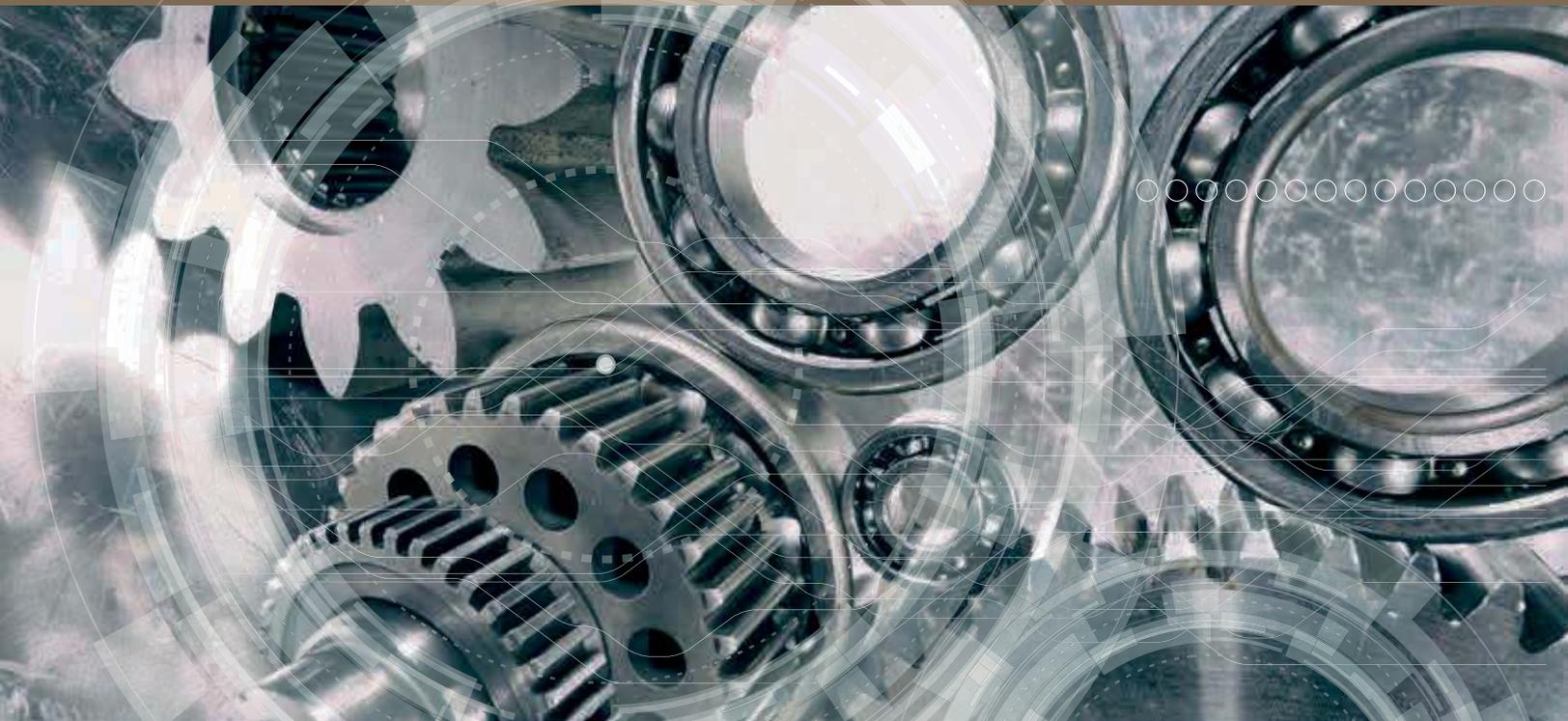


Grease Compatibility

GREASE COMPATIBILITY C compatible M oderately Compatible I ncompatible									
	Aluminium Complex	Calcium Complex	Calcium Sulphonate	Lithium 12-Hydroxystearate	Lithium Stearate	Lithium Complex	Polyurea (Shear Stable)	Polyurea (Conventional)	Clay
Aluminium Complex	C	I	M	I	I	M	M	I	I
Calcium Complex	I	C	M	I	I	M	C	C	I
Calcium Sulphonate	M	M	C	M	M	C	M	I	I
Lithium 12-Hydroxystearate	I	I	M	C	C	C	M	I	I
Lithium Stearate	I	I	M	C	C	C	C	I	I
Lithium Complex	M	M	C	C	C	C	C	I	I
Polyurea (Shear Stable)	M	C	M	M	C	C	C	C	M
Polyurea (Conventional)	I	C	I	I	I	I	C	C	I
Clay	I	I	I	I	I	I	M	I	C



Grease Products



Proven Protection, Powerful Performance

Grease Products



SYNTAC HT2 Synthetic Grease

Syntac HT 2 Grease is a supreme performance product suitable for a large variety of applications at extremes of temperature. It is manufactured with a lithium complex thickener, selected paraffinic and PAO base oils combined with a PTFE powder, rust, oxidation and corrosion inhibitors. It is recommended for bearing

lubrication under all operating conditions from normal to unusually severe load service and with temperatures varying from -40°C to +210°C. (220°C for short periods). The PAO base oil with its wax-free nature and the low coefficient of traction provides extremely good low temperature pumpability. Syntac HT 2 Grease has excellent shear stability as well as high load extreme pressure characteristics. The addition of PTFE powder extends the lubrication intervals, reduces the wetability and improves the anti-friction properties. Syntac HT 2 Grease is a "state of the art", high tech grease that has a smooth texture, and is the prime recommendation for automotive, marine and industrial applications. It is recommended for use in all applications where high thermal stability and high water resistance is required. These applications include heavy duty roller bearings, automotive, industrial, marine applications, such as, wheel bearings, pre-packed and sealed for life bearing, trailer wheel bearing, rollers, cables and winches etc.

Typical Tests		ASTM Method
Appearance		Green Smooth
NLGI		2
Thickener		Lithium Complex
PTFE Content		2.5%
Worked Penetration at 25°C	D.217	275-305
Dropping Point, °C	D.2265	260+
Water Washout at 80°C, %	D.1264	<3.5
Evaporation Loss @ 175°C	D.1263	3.9%
Oxidation Resistance Pressure		
PSI O LOSS 100 hours	D.942	0
300 hours	D.942	2
400 hours	D.942	4
Timken, OK Load, Kg	D.2509	36
4-Ball Weld, Kg/f	D.2596	500
4-Ball Wear Scar, mm	D.2266	0.48
Rust Prevention Characteristics	D.1743	Pass
Base Oil Viscosity cSt at 100°C	D.445	19.5
Base Oil Viscosity cSt at 40°C	D.445	170
Viscosity Index		132
Temperature Range	D.128	-40°C to +210°C (short periods 220°C)
Standards		
NLGI Grade	No.2	
Containers:	450g Cartridge, 20kg	

GRSL-Self Levelling Grease EP 00

GRSL Self Levelling Grease EP 00 is a general-purpose lithium extreme pressure (EP) grease with anti-wear performance. It has outstanding rust and corrosion protection and excellent resistance to water washout.

It is manufactured with a lithium hydroxy-stearate soap base with selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors and very effective lead free extreme pressure additives. This grease is used in gearboxes and bearings in mobile machinery where the grease needs to flow to the point of application. It is also used in gearboxes where sealing is poor or where seals are worn and gear oils cannot be retained. The grease has excellent lubrication qualities and is ideal for pumping or for use in once through centralised automatic or semi automatic lubrication systems. The recommended temperature range is from -20°C to 130°C, however Self-levelling Grease may be used at higher temperatures with the lubrication frequency increased accordingly.

Typical Tests		ASTM Method
Appearance		Dark Brown
NLGI		00
Penetration at 25°C		
Worked 60 Strokes	D.217	415
Worked 10,000 Strokes	D.217	
Dropping Point, °C	D.2265	152
Water Washout at 80°C, %	D.1264	
Wheel Bearing Leakage, g	D.1263	
Oxidation Resistance Pressure		
Drop, 100 hours, kpa	D.942	35
Timken, OK Load, Kg	D.2509	23
4-Ball Weld, Kg/f	D.2596	290
4-Ball Wear Scar, mm	D.2266	0.48
Rust Prevention Characteristics	D.1743	Pass
Mineral Oil Viscosity cSt at 40°C	D.445	180
Lithium Soap % Mass		3.5
Containers:	2.5kg, 20kg, 180kg	

Grease Products

PROSUPERMOLY



Prosupermoly Grease is a superior multi-purpose molybdenum disulphide containing grease possessing excellent lubrication characteristics for a wide range of anti-friction and plain bearings, ball joints, king pins, gears and couplings in automotive, marine, agricultural and industrial application. The "Moly" with extreme pressure and anti-wear properties plus the tackiness adhesive additive enables high performance extended service life under high loading and shock loading conditions from low temperature to very high

temperature environments. Prosupermoly Grease is the prime extended life recommendation for plain, ball and roller bearings, and other applications requiring grease lubrication, in all automotive, agricultural, marine and industrial equipment. Excellent recommendation for chassis, universal joints and especially for ball joints. Prosupermoly Grease is recommended for high shock load applications such as excavator and loader bucket pins. The recommended temperature range is from -25°C to 175°C, however Prosupermoly Grease may be used at temperatures to 200°C with the lubrication frequency increased accordingly.

Typical Tests	ASTM Method	
Appearance		Grey/Black
NLGI		2
Penetration at 25°C		
Worked 60 Strokes	D.217	275
Worked 10,000 Strokes	D.217	292
Dropping Point, °C	D.2265	192
Water Washout at 80°C, %	D1264	5
Wheel Bearing Leakage, g	D.1263	3
Oxidation Resistance Pressure Drop, 100 hours, kpa	D.942	25
Timken, OK Load, Kg	D.2509	23
4-Ball Weld, Kg/f	D.2596	550
4-Ball Wear Scar, mm	D.2266	0.48
Rust Prevention Characteristics	D.1743	No rust
Mineral Oil Viscosity cSt at 40°C	D.445	220
Molybdenum Disulfide, % Mass		3
Containers:	450g Cartridge, 2.5kg, 20kg, 55kg, 180kg	

PROSUPERPLANT



Prosuperplant Grease is an extremely high quality product with excellent lubrication characteristics for the range of anti-friction and plain bearings, gears and couplings in automotive, marine, agricultural and industrial applications requiring a grease with a high base oil viscosity and weld load. It is based on a lithium complex thickener, high quality paraffinic and polybutene base stocks combined with the inclusion of

extreme pressure additives, effective rust, oxidation and corrosion inhibitors. Prosuperplant Grease is the ideal recommendation for use in extreme heavy-duty applications and where high thermal resistance is a must. These applications include all industrial, earthmoving, agricultural, automotive and marine equipment. Prosuperplant Grease is also suitable for high shock load applications such as excavator and loader bucket pins and has a high resistance to water wash out. The recommended temperature range is from -20°C to 185°C, however Prosuperplant Grease may be used at temperatures to 200°C with the lubrication frequency increased accordingly.

Typical Tests	ASTM Method	
Appearance		Red/Tacky
Soap Type		lithium complex
NLGI		2
Penetration at 25°C		
Worked 60 Strokes	D.217	270
Worked 10,000 Strokes	D.217	275
Dropping Point, °C	D.2265	260+
Water Washout at 80°C, %	D1264	<3.5
Wheel Bearing Leakage, g	D.1263	1.5
Oxidation Resistance Pressure Drop, 100 hours, kpa	D.942	15
Timken, OK Load, Kg	D.2509	30
4-Ball Weld, Kg/f	D.2596	480
4-Ball Wear Scar, mm	D.2266	0.42
Rust Prevention Characteristics	D.1743	No rust
Mineral Oil Viscosity cSt at 40°C	D.445	1600
Operating Temperature Range °C	-20°C to 185°C	
Containers:	450g Cartridge, 2.5kg, 20kg, 55kg, 180kg	

Grease Products



PROLITHTAC

Prolithtac Grease is a heavy duty lithium complex, extreme pressure (EP) grease with excellent anti-wear and high temperature performance. It provides excellent adhesion and water resistance, rust and corrosion protection and extended life in high temperature service. It is manufactured with a lithium complex soap base with selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors, specially selected lead free extreme pressure additives and a tackiness additive.

Prolithtac Grease is the prime recommendation for use in applications where high thermal resistance is required. These include automotive, industrial,

mining, earthmoving and marine applications such as wheel bearings subjected to high temperatures and load caused by repeated and high speed braking in particular on disc brakes, chassis, high speed ball and roller bearings, pre-packed and sealed for life bearings in several heavy industries, boat trailer wheel bearings, water pumps, winches etc. and other applications requiring grease lubrication. Prolithtac grease may be used where either soap based or clay based greases are recommended, particularly if rationalisation of grease types is required. The recommended temperature range is from -25°C to 175°C, however Prolithtac Grease may be used at temperatures to 200°C with the lubrication frequency increased accordingly.

Typical Tests	ASTM Method	
Appearance		Blue/Tacky
Soap Type		lithium complex
NLGI		2
Penetration at 25°C Unworked	D.217	270
Worked 60 Strokes	D.217	275
Worked 10,000 Strokes	D.217	+10
Dropping Point, °C	D.2265	260+
Water Washout at 80°C, %	D1264	<5
Wheel Bearing Leakage, 65g Packed, 163C, g	D.1263	1.5
Oxidation Resistance Pressure Drop, 100 hours, kpa	D.942	15
Drop, 500 hours, kpa	D.942	70
Timken, OK Load, Kg	D.2509	23
4-Ball Weld, Kg/f	D.2596	350
4-Ball Wear Scar, mm	D.2266	0.48
Rust Prevention Characteristics	D.1743	No rust
Mineral Oil Viscosity cSt at 40°C	D.445	190
Containers:	450g Cartridge, 2.5kg, 20kg, 55kg, 180kg	

PROLITH EP0 Grease

Prolith EP0 Grease is a heavy duty multipurpose grease with excellent anti-wear and high temperature performance. It is designed for plain and roller bearing service with centralised lubrication systems.

It is manufactured with a lithium hydroxy stearate soap base with selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors and specially selected lead free extreme pressure additives.

Prolith EP0 Grease is the prime recommendation for use centralised automatic or semi-automatic greasing systems in mining, earthmoving, automotive and marine applications. Prolith EP0 grease may be used in gearboxes which require a semifluid grease, but which may be prone to leakage. The recommended temperature range is from -20°C to 130°C, however Prolith EP0 Grease may be used at higher temperatures with the lubrication frequency increased accordingly.

Typical Tests	ASTM Method	
Appearance		Dark Brown
NLGI		0
Penetration at 25°C		
Worked 60 Strokes	D.217	370
Worked 10,000 Strokes	D.217	
Dropping Point, °C	D.2265	170
Water Washout at 80°C, %	D.1264	
Wheel Bearing Leakage, g	D.1263	
Oxidation Resistance Pressure Drop, 100 hours, kpa	D.942	30
Timken, OK Load, Kg	D.2509	23
4-Ball Weld, Kg/f	D.2596	290
4-Ball Wear Scar, mm	D.2266	0.48
Rust Prevention Characteristics	D.1743	Pass
Mineral Oil Viscosity cSt at 40°C	D.445	180
Lithium Soap % Mass		4.7
Containers:	20kg	



Grease Products

PROGREASE



Progrease is a general purpose lithium extreme pressure (EP) grease with anti-wear performance. It has outstanding rust and corrosion protection and excellent resistance to water washout. It is manufactured with a lithium hydroxy-stearate soap base with selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors and very effective lead free extreme pressure additives.

Progrease is suitable for use in automotive, marine and industrial applications and is designed for application in heavy-duty plain and rolling bearings operating under the most severe conditions. It is also a general-purpose grease suitable for chassis universal joints and wheel bearings. The recommended temperature range is from -20°C to 130°C, however Progrease may be used at higher temperatures with the lubrication frequency increased accordingly.

Typical Tests	ASTM Method	
Appearance		Dark Brown
Lithium Soap % mass		8.8
NLGI		2
Penetration at 25°C		
Worked 60 Strokes	D.217	275
Worked 10,000 Strokes	D.217	292
Dropping Point, °C	D.2265	192
Water Washout at 80°C, %	D.1264	5
Wheel Bearing Leakage, 65g	D.1263	3
Oxidation Resistance		
Pressure		
Drop, 100 hours, kpa	D.942	25
Timken, OK Load, Kg	D.2509	23
4-Ball Weld, Kg/f	D.2596	290
4-Ball Wear Scar, mm	D.2266	0.48
Rust Prevention Characteristics	D.1743	No rust
Mineral Oil Viscosity cSt at 40°C	D.445	180
Operating Temperature Range °C	-20°C to 130°C	
Containers:	450g Cartridge, 20kg	



Grease Products

FOOD MACHINERY GREASE

Food Machinery Grease is a premium, quality grease suitable for use in processing food and food support products, such as packages, cartons etc. where incidental contact with the lubricants may occur in the process. It is made with a USP white mineral oil and a special aluminium complex thickener. It contains additives to provide protection against rust and to resist oxidation. It also protects during periods of machine idleness. This grease resists water washout and provides a seal against the entrance of water, steam, fruit and vegetable juices to the bearing and has high stability against chemical changes. It is pure white, odourless and tasteless.

AQIS Approval No: IOA 10161

Food Machinery Grease is used in gearboxes, plain and anti-friction bearings in mobile machinery where the grease needs to flow to the point of application. It is also used in gearboxes where sealing is poor or where seals are worn and gear oils cannot be retained. The grease has excellent lubrication qualities and is ideal for pumping or for use in once through centralised automatic or semi automatic lubrication systems. As it is a multi-purpose product, it helps simplify lubrication maintenance and aids in reducing inventories.

The recommended temperature range is from -30°C to 160°C, however Food Machinery Grease may be used at higher temperatures with the lubrication frequency increased accordingly.

Dept of Primary Industries and Energy: Food Grade lubricant Type A

Meets Section 178.3570 of the US Food and Drug Administration regulations.

Typical Tests	ASTM Method	
Appearance		White
Soap Type		Aluminium Complex
NLGI		2
Penetration at 25°C		
Worked 60 Strokes	D.217	280
Dropping Point, °C	D.2265	265
Microbiological Contamination		<10 colonies/gram
Water Washout at 80°C, %	D.1264	5
1 hr, 80°C, % Loss		
Oxidation Stability		
PSI drop 100 hours	D.942	5 max
PSI drop 100 hours	D.942	10 max
Roll Stability	D.1831	10 max
2hrs, 25°C, % change		
Copper corrosion, 3 HOURS @ 100°C	D.4048	1b
Rust Prevention Characteristics	D.1743	Pass
4-Ball Weld, Kg/f	D.2596	200
4-Ball Wear Scar, mm	D.2266	0.5
Mineral Oil Viscosity cSt at 40°C	D.445	180
Base Oil Viscosity cSt at 40°C	D.445	220
Flash Point		221
Pour Point		-30
Operating Temperature Range °C		-25°C to 175°C
Containers:	20kg	

PETROLEUM JELLY

Petroleum Jelly is a highly refined white petrolatum that meets the purity standards of the latest issues of the United States Pharmacopoeia (USP) and British Pharmacopoeia (BP). It is a white translucent gel.

Petroleum Jelly is used as a base for cosmetics, as a skin conditioner and in Cosmetics. It can also be used as a softening agent in some printing inks, as a rubber plasticiser and in leather processing. In industry it can be used as a light duty lubricant, as rust preventive and is an effective water repellent. It is also used to prevent corrosion on battery terminals.

Petroleum Jelly is manufactured in compliance with USP 31, BP2008, IP2007 and also conforms to the requirements of US FDA 21CFR 172.880.

Typical Tests	ASTM Method	
Melting Point	50 - 55°C	Typ 53°C
Congeaing Point	48 - 52°C	
Viscosity	5.8 - 6.5 cSt @ 100°C	Typ 6.2°C
Containers:	2.5kg, 18kg	



Industrial Products



Proven Protection, Powerful Performance



Industrial Products

Syntegra Gear Oil Series Synthetic Industrial Gear Oils

Syntegra Gear Oil 220, 320, 460 are fully synthetic industrial gear oils that are blended from the highest quality synthetic base oils together with the finest gear oil additives. They have outstanding thermal stability and provide excellent protection against corrosion. They are suitable for a wide range of applications in industry and mining.

These oils are designed for a wide range of applications in industrial gear systems. Ideal for high temperature and longer drain applications.

Meets or exceeds the following requirements :

US Steel:	224
AGMA	250.04
Cincinnati Milacron	
Containers:	20L, 205 litre

Intec Industrial Gear Oil Series ISO 68, 150, 220, 320, 460, 680

Intec 68, 150, 220, 320, 460 and 680 are industrial gear oils that are blended from high quality virgin oil stocks together with the finest gear oil additives. They have outstanding thermal stability and provide excellent protection against corrosion.

The high quality base oils provide excellent oxidation resistance resulting in extended oil life and reduced oil consumption. Intec Industrial Gear Oils are suitable for a wide range of applications in industry and mining where a mild EP gear oil is specified.

Meets or exceeds the following requirements :

US Steel:	224
AGMA	250.04
Cincinnati Milacron	
Containers:	20L, 205 litre

Comptec ISO 32, 46, 68, 100, 150 Compressor Oil



Comptec Compressor Oil is blended from semi synthetic and highly refined virgin base oils, with anti-corrosion, anti-oxidation and anti-wear additives. The product also has good anti-foam and excellent thermal resistance properties. Suitable for use in all types of reciprocating air compressors and high performance drip feed

rotary or screw compressors and vacuum pumps.

A long service life can be expected in good conditions with a wide range of operating temperatures. Can be used as an hydraulic oil in non severe applications. Viscosity choice should be according to manufacturer's recommendations.

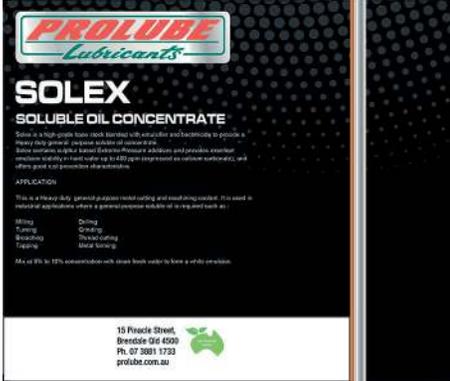
Meets or exceeds the following requirements :

DIN 51506 (VBL, VCL, VDL)	
ISO / DP 6521 (DAA, DAB, DAH, DAG)	
DIN 51524 Part 1	
Siemens TLV 9013	
British Standard BS489	
US Steel 120	
Containers:	5L, 20L, 205 litre



Industrial Products

Solex (Soluble Oil Concentrate)



Solex is a high-grade base stock blended with emulsifier and bactericide to provide a heavy duty general purpose soluble oil concentrate.

Meets or exceeds the following requirements :

Mix at 5% to 10% concentration with clean fresh water to form a white emulsion.

Containers: 5L, 20L, 205 litre

Solex contains sulphur based Extreme Pressure additives and provides excellent emulsion stability in hard water up to 400 ppm (expressed as calcium carbonate). As well as providing excellent emulsion quality, Solex offers excellent corrosion and rust prevention characteristics.

HTQ Heat Transfer and Quenching Oil

Heat Transfer and Quenching Oil is blended from high viscosity base oils blended with special additives to form a multi-functional product. The oil provides good oxidative performance, high resistance to heat decomposition, has good heat transfer characteristics and low deposit formation determined by the panel coker test.

Viscosity ISO 32 Grade Typical 32.0 cSt @ 40°C

Heat Transfer: Use in totally enclosed heat transfer systems of industrial equipment.

Follow system manufacturer's recommendations to ensure the system does not contain any air in contact with the product to ensure product stability. General purpose quenching oil for heat treatment.

Meets or exceeds the following requirements :

Excellent ASTM D3520 (GM Quenchometer) performance.

Maximum Film Temperature 340 °C

Maximum Bulk/Use Temperature 320 °C

Containers: 20L, 205 litre

Form Oil Concentrate

Form Oil Concentrate is used to prepare a general purpose concrete release agent which can be used on all types of both timber and metal formwork.

Form Oil Concentrate is generally added to either kerosene or distillate in the ratio of one part concentrate to three parts solvent. Apply with a spray or brush to obtain an even coating.

Containers: 20L, 205 litre

Procut - Neat Cutting Fluid

Procut is a heavy-duty straight cutting oil that is blended from highly refined base oils and sulphur and chlorinated wax type extreme pressure additives. The additives ensure excellent surface finish to machined components and prolonged cutting tool life.

It is non staining with excellent rust inhibiting properties and provides good surface finishes. Procut can be used for medium and difficult machining of ferrous metals, heavy duty automatic machining, milling, broaching, gear cutting, hobbing, forming cold heading.

It is usually used neat for heavy machining but can be diluted with light oil for lighter duty machining operations.

Containers: 20L, 205 litre

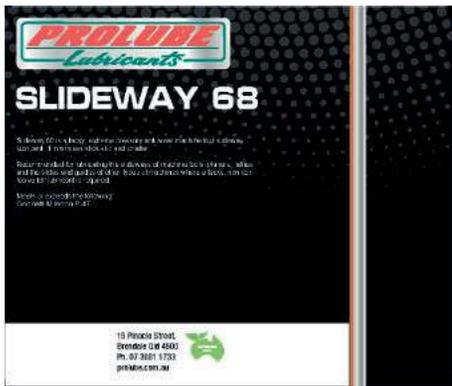


Industrial Products

Drawtec Drawing Lubricant

Drawtec is a multi-purpose blank washer/roll leveller/drawing oil and corrosion preventive. This product is a lubricant rust preventive that is designed to be applied to steel sheet and/or blanks in any of the above operations. It is an oil dispersed product providing medium to long term indoor protection of ferrous and non-ferrous surfaces. Drawtec provides high humidity protection and has built-in protection against sulphuric acidic components in normal industrial atmospheres. It has excellent anti-wear performance and stable low friction, and it reduces friction, pick-up and surface scoring. It exhibits excellent resistance to staining and varnishing in storage on metal-to-metal contact, especially with moisture contamination

Slideway - Way Oil



Slideway oils are tacky, extreme pressure anti-wear machine tool slideway lubricants. Minimises stick slip and chatter. Recommended for lubricating the slideways of machine tools, planers, lathes and the slides and guides of other types of machines where a tacky, non-corrosive EP lubricant is required.

Not all grades available in all container sizes

Meets or exceeds the following requirements :			
ISO Grade	32	68	220
Cincinnati Milacron	P-47		
Containers:	5L, 20L, 205 litre		

Hyplex Spindle Oil ISO 10

Hyplex Spindle Oil is blended from HVI virgin base stocks and contains a special thermally stable additive (ZDDP) which inhibits oxidation, protects bearings from corrosion and prevents wear. Hyplex Spindle Oil is specially formulated to provide excellent protection against Rust and Oxidation. Hyplex Spindle Oil provides excellent performance in high speed bearings, machine tool spindles and some high performance hydraulics.

Meets or exceeds the following requirements :	
ISO Grade	10
DIN 51524, Part 2 (HLP) & Part 3 (HVLP)	
Denison	HF-1, HF-2, HF-0
Cincinnati Milacron	P-47
Containers:	20L, 205 litre

Rock Drill

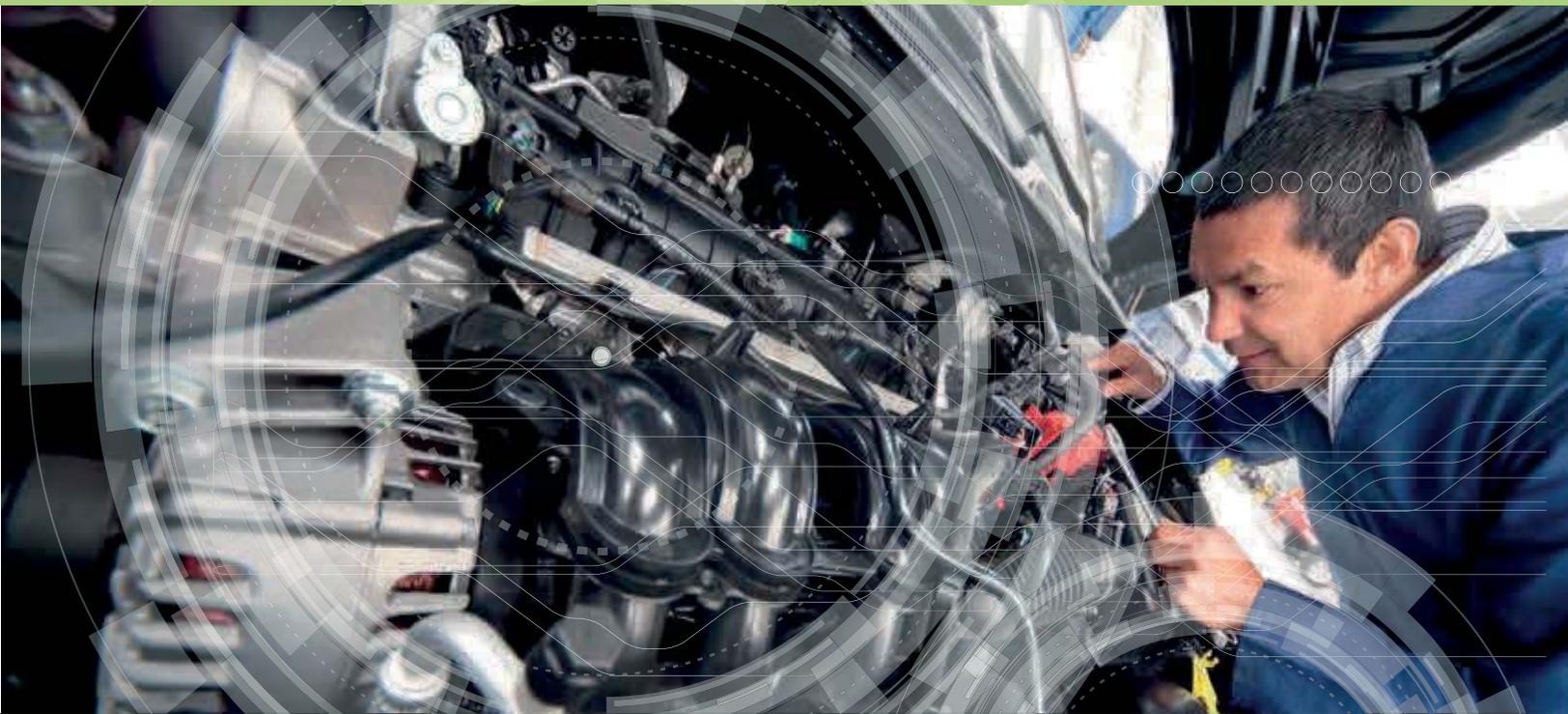
Rock Drill lubricants are designed for pneumatic precision air tools. They contain anti-rust, tackiness, and moisture absorbing and extreme pressure additives.

For use in precision air tools such as rock drills, jackhammers, jack picks and rammers as well as centralised lubrication for larger crawler mounted drill rigs etc. of all makes. They are also widely used as chain, wire rope lubricants and in some rotary air tools.

Meets or exceeds the following requirements :	
Gardner Denver, Atlas Copco, Ingersoll Rand and other manufacturers' specifications.	
ISO Grade:	100, 150, 220, 320, 400
Containers:	20L, 205 litre



Workshop Products



Proven Protection, Powerful Performance



Workshop Products

PROSTOP DOT 3

Disc Brake and Clutch Fluid



Prostop Dot 3 Disc Brake and Clutch Fluid is an inhibited blend of glycol ethers, corrosion inhibitors and fluid modifiers meeting the requirements of a general purpose hydraulic brake fluid. It is specifically designed for the low to medium performance modern and early model car braking systems.

Formulated for automotive drum brake, disc brake and hydraulically actuated clutch systems of early and late model vehicles where the manufacturer recommends using Dot 3 Fluid. Some Toyota models and other Japanese vehicles stipulate DOT 3 brake fluids. We recommend the fluid should be replaced every twelve months under average driving conditions.

Meets or exceeds the following requirements :	
AS/NZS:	1960-1995 Grade 1
SAE	J1703
FMVSS No. 116	DOT 3
Containers:	500ml, 5L, 20 litre

PROSTOP DOT 4

ABS Compatible Disc Brake and Clutch Fluid

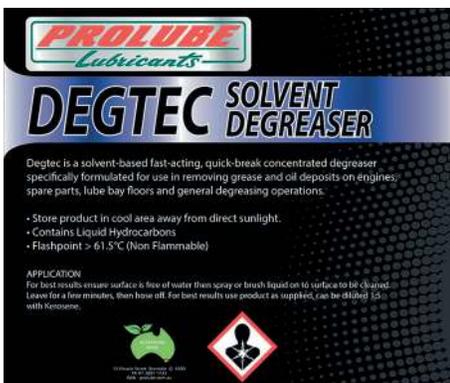


Prostop Dot 4 Disc Brake and Clutch Fluid is a special blend of glycol ethers, corrosion inhibitors and fluid modifiers designed to meet the needs of braking systems, including drum, disc and ABS, which are used in all types of vehicles including cars, trucks, buses and coaches operating under heavy duty conditions. The fluid has a high boiling point, low moisture absorption and is compatible with all metals and seals typically used in braking systems. An additional feature is its ability to sustain high vapour lock temperatures throughout its service life.

Formulated for automotive drum brake systems, disc brake systems, ABS brake systems and hydraulically actuated clutch systems.

Meets or exceeds the following requirements :	
AS/NZS:2960.1	1995 Dot 4/ Grade 3
SAE	J1703, June 91
FMVSS No.	571-116
ISO	4925
Containers:	500ml, 5L, 20 litre

DEGTEC Solvent Degreaser



Degtec is a solvent-based fast-acting, quick-break concentrated degreaser specifically formulated for use in removing grease and oil deposits on engines, spare parts, lube bay floors and general degreasing operations.

- Store product in cool area away from direct sunlight.
- Contains Liquid Hydrocarbons
- Flashpoint 62°C (PMC)

For best results ensure surface is free of water then spray or brush liquid on to surface to be cleaned. Leave for a few minutes, then hose off. For best results use product as supplied, can be diluted 1:5 with Kerosene.

Containers:	4L, 20L, 200 litre
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Workshop Products

PARTS CLEANING SOLVENT



Parts Cleaning Solvent is a flash solvent based cleaning fluid for use in parts cleaning units where safety solvent based fluids are recommended. This product does not mix with water.

- Store product in cool area away from direct sunlight
- Contains Liquid Hydrocarbons
- Flash point above 62°C (PMC).

For best results, ensure surface is free of water then spray or brush liquid on to surface to be cleaned.

Safety Precautions: Prolonged contact with the skin may cause irritation, wear rubber gloves when handling and avoid contact with skin and eyes.

Containers: 20L, 200 litre

AQUACLEAN



Meets or exceeds the following requirements :

Degreasing	1 part Aquaclean : 10 parts water
Carpet Shampooing	1 part Aquaclean : 25 parts water
Concrete Cleaning	1 part Aquaclean : 10 parts water
Floor Cleaning	1 part Aquaclean : 20 parts water
Window Washing	1 part Aquaclean : 100 parts water
High Pressure Clean	1 part Aquaclean : 10 parts water
Steam Cleaning (assumes 1:15 venturi)	1 part Aquaclean : 8 parts water

Wear gloves and eye protection when handling this product.

Containers: 5L, 20 litre, 200 litre

Aquaclean is a Heavy Duty Aqueous Degreaser consisting of a unique combination of surfactants, chelating agents, alkaline salts and water soluble solvents blended to give a cleaner and outstanding power whilst minimizing environmental impacts and maintaining "Quick Break" capacity.

Ideal for use in housekeeping, restaurants and all areas of the hospitality industry, as well as workshop environments.

Aquaclean is also excellent as a hard surface cleaner and sanitizer for kitchens, bathrooms and toilet areas and stainless steel.

PROSOL QB

Prolube Prosol QB is a multi-purpose highly concentrated, water based biodegradable detergent degreaser/cleaner which can be used to remove oil, grease, dirt, road grime smears insects and general soiling from most surface materials.

Prosol QB diluted with the appropriate volume of clean water can be used on auto and marine paint, fibreglass, vinyl, terrazzo, timber, glass and metal surfaces.

Dilute Prosol QB with clean water for tasks as follows:

5:1 Heavy duty degreasing, concrete, tiles, dirty or oily floors etc.

20:1 General degreasing, vehicle chassis, tyres, squash courts/rollerblade rinks (skid marks)

80:1 General cleaning, painted surfaces, metal, toilet, bathroom & kitchen areas

150:1 Light duty cleaning, glass, mirrors etc.

High pressure water cleaners: as per manufacturer's instructions.

Apply with a brush, cloth, sponge, spray or pressure cleaner.

For best results use with warm to hot water. Do not allow to dry on auto or marine painted surfaces, these surfaces should be cool and out of direct sunlight, wash surface off with clean water.

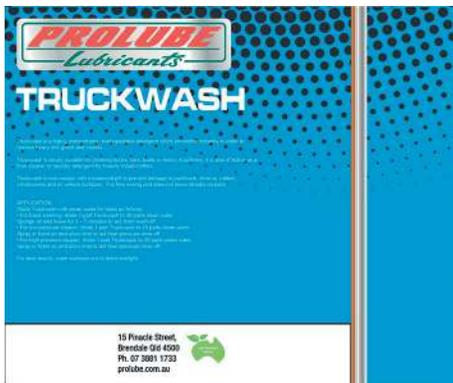
Safety Precautions: Prolonged contact with the skin may cause irritation, wear rubber gloves when handling and avoid contact with skin and eyes.

Containers: 5L, 20L, 200 litre, Bulk



Workshop Products

TRUCKWASH



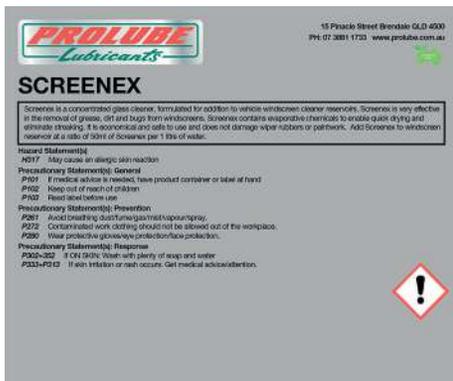
Prolube Truckwash is a highly concentrated, biodegradable detergent which emulsifies instantly in water to remove heavy dirt, grime and insects. Truckwash is non-caustic with a balanced pH to prevent damage to paintwork, chrome, rubber, windscreens and all vehicle surfaces. It is free rinsing and does not leave streaks on paint.

Dilute Truckwash with clean water for tasks as follows:

- For hand washing: dilute 1 part Truckwash to 30 parts clean water. Sponge on and leave for 3 – 5 minutes to act, then wash off.
- For low pressure cleaner: dilute 1 part Truckwash to 15 parts clean water. Spray or foam on and allow time to act then pressure rinse off.
- For high pressure cleaner: dilute 1 part Truckwash to 20 parts clean water. Spray or foam on and allow time to act then pressure rinse off.

For best results, wash surfaces out of direct sunlight.

Containers: 5L, 20L, 200 litre



Screenex is a concentrated glass cleaner, formulated for addition to vehicle windscreen cleaner reservoirs. Screenex is very effective in the removal of grease, dirt and bugs from windscreens.

Screenex contains evaporative chemicals to enable quick drying and eliminate streaking. It is non-toxic and safe to use and does not damage wiper rubbers or paintwork. Add Screenex to windscreen reservoir at a ratio of 50ml of Screenex per 1 litre of water.

It is economical and safe to use and does not damage wiper rubbers or paintwork.

Add Screenex to windscreen reservoir at a ratio of 50ml of Screenex per 1 litre of water.

Containers: 20 litre



Hand Cleaner has a neutral pH and will not irritate sensitive skin. It contains no petroleum solvents or D'limonene and contains natural Eucalyptus oil to moisturise the skin. It is septic safe and completely environmentally safe.

Apply a small quantity of Hand Cleaner to the hands and rub in thoroughly. Rinse off hands with cold or warm water and dry skin with paper or cloth towel.

Containers: 750ml, 5L, 20 litre



Workshop Products

MOP - Granulated Absorbent

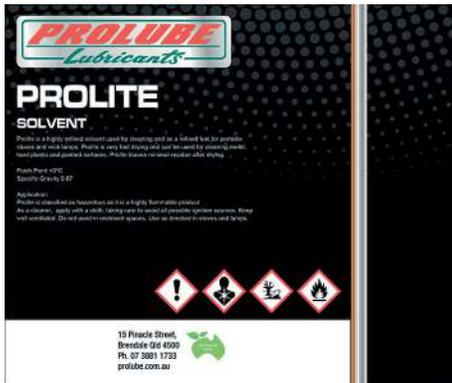
MOP is a calcined diatomaceous earth absorbent used for clean up of spilt lubricants, fuels and other chemicals. MOP has a high surface area and minute pore spaces and can hold up to its own weight in liquid. It is also excellent as a pet litter, soil conditioner, potting mix and oil and beverage clarifying.

Spread over the spill, leave for a few minutes until all the liquid is absorbed, then sweep up and dispose of contained spillage according to regulations.

To absorb odours in garbage tins, ashtrays and fridges, spread small quantity in the enclosed space.

Packaging:	35 litre bag
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PROLITE



Prolite is a highly reinforced solvent used for cleaning and as a refined fuel for portable stoves and wick lamps. Prolite is very fast drying and can be used for cleaning metal, hard plastic and painted surfaces.

Prolite leaves minimal residue after drying.

Flash Point <0°C
Specific Gravity 0.67

As a cleaner, apply with a cloth, taking care to avoid all possible ignition sources. Keep well ventilated. Do not use in enclosed spaces.

Prolite is classified as hazardous as it is a highly flammable product.

Containers:	20L, 200 litre
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BRAKE AND PARTS CLEANER



Brake and Parts Cleaner is a highly effective, solvent based liquid that has been specifically designed for cleaning brake and clutch parts. It is formulated from fast drying solvents that evaporate quickly, leaving parts ready for immediate reassembly. It is non residual ensuring that no further cleaning is required. Brake and parts cleaner is compatible with drum and disc brakes and has no deleterious effects on rubbers used in the systems. Best results can be obtained by using spray applicators, typical pump up spray applicators are recommended.

The product is highly flammable. Should be used with care in a safe environment.

Brake and Parts Cleaner is classified as hazardous as it is a highly flammable product.

Containers:	20L, 200 litre
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Workshop Products

PROTECTAGLOSS



Protectagloss is a high quality solvent-based silicone tyre treatment. It is formulated with silicones that provide a consistent shiny finish when applied correctly. It resists water and outlasts most competitive products. Protectagloss also rejuvenates tyres and aged vinyl.

Protectagloss may be sprayed, painted or wiped onto surfaces. Spraying the surface evenly and allowing 15 minutes to dry obtains best results. Should faster drying be necessary, wiping with a clean rag after spraying will help, however, a less shiny surface may result.

The product MSDS should be read before using.

Containers:

20L, 200 litre

ADBLUE

Adblue is an aqueous Urea Solution. It is used in the Selective Catalytic Reduction (SCR) systems fitted to diesel vehicles in compliance with exhaust emission standards reducing oxides of nitrogen from exhaust gases. Adblue contains high purity urea in a clear demineralised water, is non toxic and safe to handle.

Used in vehicles fitted with an SCR (Selective Catalytic Reduction) system for management of oxides of nitrogen in exhaust emissions. This product is added to the tank fitted to the vehicles.

Use as per manufacturers recommendations.

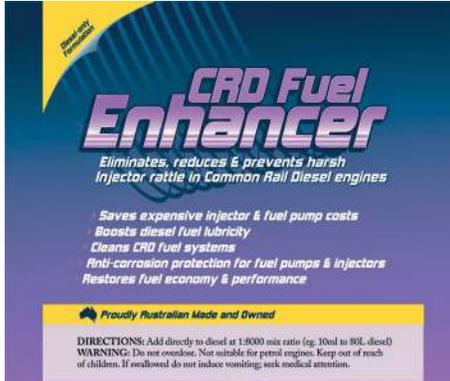
Containers:

10L, 200L, 1000 litre IBC



Workshop Products

CRD FUEL ENHANCER



CRD Fuel Enhancer eliminates, reduces and prevents harsh injector rattle in Common Rail Diesel engines.

Saves expensive injector and fuel pump costs.

Boosts diesel fuel lubricity.

Cleans CRD fuel systems.

Anti-corrosion protection for fuel pumps and injectors.

Restores fuel economy and performance.

Proudly Australian made and owned.

Directions: Add directly to diesel at 1:8000 mix ratio (eg. 10l to 80L diesel)

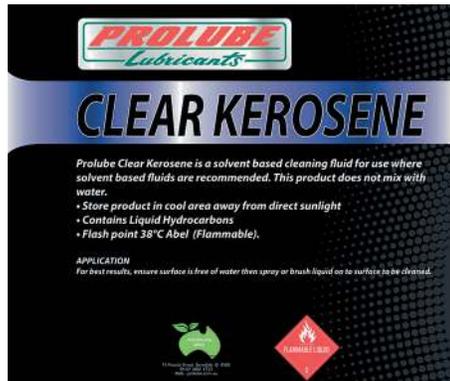
Warning: Do not overdose. Not suitable for petrol engines.

Keep out of reach of children. If swallowed, do not induce vomiting, seek medical attention.

Containers:

250ml, 1L, 5 litre

CLEAR KEROSENE



Clear Kerosene is a solvent based cleaning fluid for use where solvent based fluids are recommended. This product does not mix with water.

- Store product in cool area away from direct sunlight
- Contains Liquid Hydrocarbons
- Flash point 38°C Abel (Flammable).

For best results, ensure surface is free of water then spray or brush liquid on to surface to be cleaned.

Add Decarboniser to the fuel each fill at a mix rate of

1:1600. For an initial treat, use at double strength

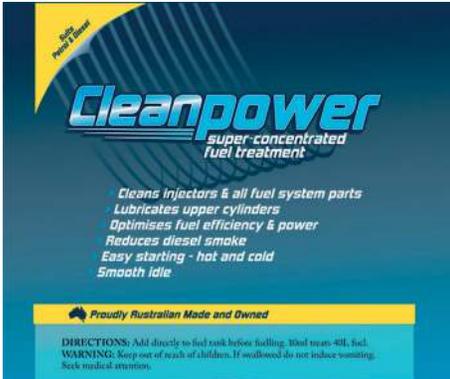
Containers:

20L, 200 litre



Workshop Products

CLEANPOWER



Cleanpower is a highly concentrated chemical that efficiently cleans the entire fuel system. Contaminants are finely dispersed to pass harmlessly through filters, fuel pumps and injectors. Cleanpower includes an upper cylinder lubricant for additional lubrication, as well as powerful anti-rust protection. Improved fuel atomization provides cleaner fuel combustion with less residue for deposit formation.

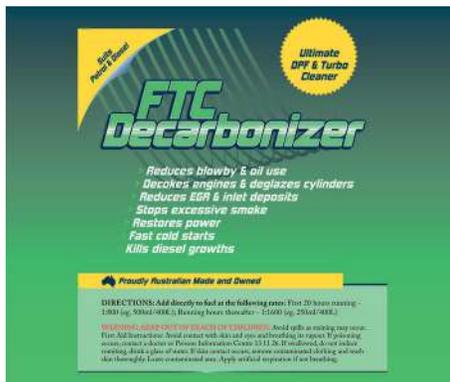
Engine idle and operating performance is optimized and combustion chamber cleanliness improves. Cleanpower is simply added to the fuel either in bulk storage or as refuelling.

Initial Dose. Simply add to the fuel (petrol or diesel) at 1:4000 eg.,
20mL in 80L fuel,
100ml in 400L fuel.

Thereafter: with continuous use, rate should be halved, ie., 1:8000 eg.,
10mL in 80L fuel,
50mL in 400L fuel.

Containers: 1L, 5 litre

DECARBINISER - FTC



Decarboniser is ideal for safely burning off cylinder glaze and carbon from combustion and exhaust spaces. Engines using Decarboniser become totally free of hard carbon build up. Decarboniser can correct smoke, power loss, heavy fuel consumption, blowby, oil dripping, hard starting, caused by glaze and/or carbon build-up.

It is ideal for running in new engines, and will also kill diesel fuel fungal growths. Add Decarboniser to the fuel each fill at a mix rate of 1:1600.

For an initial treat, use at double strength.

For: 50 litres fuel add 30 mls
100 litres fuel add 60 mls
160 litres fuel add 100 mls
500 litres fuel add 300 mls

Containers: 1L, 5 litre



Outdoor Power Equipment Products

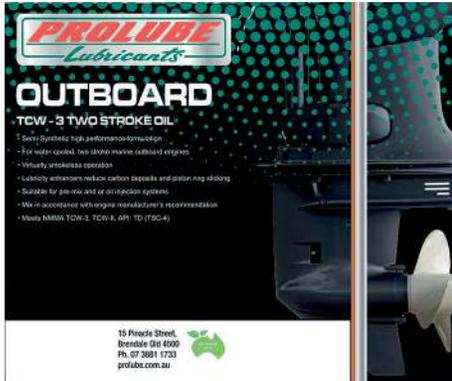


Proven Protection, Powerful Performance



Outdoor Power Equipment

OUTBOARD TCW-3 2 Stroke Engine Oil



Prolube Marine Outboard TCW-3 2 Stroke engine oil is a special two-stroke oil formulated from high quality base oils and an excellent additive package in order to meet the strict requirements of the National Marine Manufacturers Association TCW-3 standard. The base oil selection ensures virtually smokeless operation.

This product provides superior performance in water cooled two-stroke engines (pre-mix or oil injected) and has a selected lubricity enhancer.

Recommended for all water-cooled two-stroke marine engines where the manufacturer requires a lubricant meeting the TCW-3 standard. Promarine TCW-3 can be used with fuel/oil ratios of up to 100:1 (mix as per engine manufacturers recommendation).

Meets or exceeds the following requirements :	
NMMA (BIA)	TCW-3, TCW-II
API	TD (TSC-4)
Containers:	1L, 5L, 20L, 205 litre

2 STROKE ENGINE OIL Air Cooled Outdoor Power Equipment



Prolube 2 Stroke Engine Oil is a semi synthetic lubricating oil blended for mixing with petrol for fuelling air cooled 2 stroke motors. It has been formulated with high quality base stock and a special low ash additive pack to reduce buildup on spark plugs and pistons. Designed for air cooled 2 stroke motors in outdoor power equipment including lawnmowers, brushcutters, chain saw motors, motorcycles and air cooled marine outboard motors. Mix with petrol fuel as per equipment manufacturers' recommendations.

It is not recommended for high performance water cooled marine outboard motors (use Promarine TCW-3 Outboard Engine Oil).

Meets or exceeds the following requirements :	
JASO	FA, FB, FC, FD ISO-L-EGB, ISO-L-EGC, ISO-L-EGD
API	TC
Piaggio Hexagon	
Containers:	1L, 5L, 20L, 205 litre



Outdoor Power Equipment

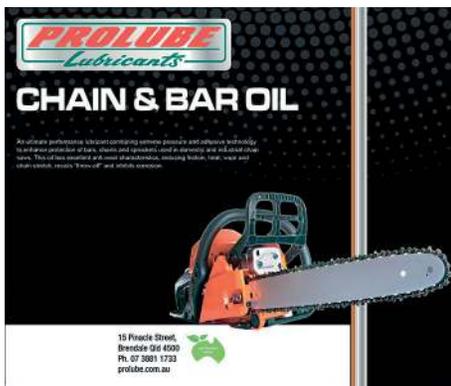
MONO 30 4 STROKE ENGINE OIL SAE30 Outdoor Power Equipment



Prolube MONO 30 4 Stroke Engine Oil is a monograde SAE30 SF oil with a red dye identifier, originally designed to meet Briggs and Stratton requirements for their 4 stroke air cooled motors fitted in various outdoor power equipment applications. Designed for outdoor power equipment motors where SAE 30 monograde oil is specified or indicated. It is particularly suitable for air cooled 4 stroke motors that may react unfavourably to modern, multigrade engine oils.

Meets or exceeds the following requirements :	
SAE Grade	SAE.30
API	SF
Containers:	1L, 5L, 20L, 205 litre

CHAIN 'N' BAR OIL

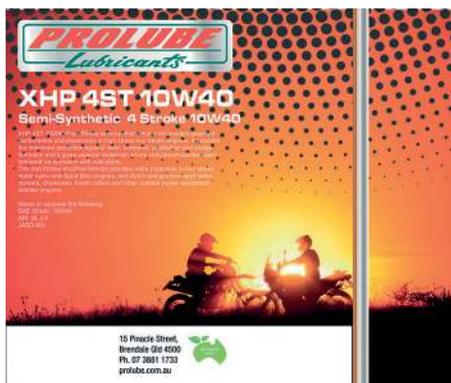


Prolube Chain 'N' Bar oil is blended from high quality base oils and extreme pressure and tackifier additives to give the properties required in a lubricant for the guidebars, chains and sprockets of domestic and industrial chain saws with either automatic or manual oilers. This oil has excellent anti-wear characteristics, reducing friction, heat, wear and chain stretch, resists "throw-off" and inhibits corrosion. Recommended for use in lubricating the bar and chain of all makes of domestic and commercial chain saws.

Meets requirements of OPE Equipment Manufacturers

Containers:	1L, 5L, 20L, 205L, 1000 litre
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XHP 4 STROKE 10W40 SL CF Semi-Synthetic 4 Stroke Engine Oil



Prolube XHP 4ST SS 10W40 SL CF is a latest generation semi-synthetic engine oil specifically developed for high performance four stroke marine and motor cycle engines. It has a balanced additive system containing correct friction characteristics and anti-wear additives to give excellent performance in high stress applications. The friction characteristics of the oil are designed to give the correct level of wet clutch operation when combined with the gearbox.

This oil is designed for most modern 4 stroke marine and 4 stroke motor cycle engines with combined engine, transmission and wet clutch systems. It is also suitable for motor cycles where the engine is separate from the transmission.

XHP 4 Stroke oil gives superior protection for components encountering lower temperature operation with cold starts.

Meets or exceeds the following requirements :	
SAE Grade	10W40
API	SL CF
JASO	MA
Containers:	5L, 20L, 205 litre



PROVEN PROTECTION - POWERFUL PERFORMANCE

**Lidomont Pty Limited
Trading as Prolube Lubricants**

15 Pinnacle St, Brendale, Qld. 4500
T: 07 3881 1733. F: 07 3881 1708

E: admin@prolube.com.au
sales@prolube.com.au
Web: www.prolube.com.au

