

Driveline Oils

// Gear Oils // Offroad // Industrial
// ATF // CVT // Specialist

About Us

NZ OWNED & OPERATED

We are market leaders through innovation, service, diverse/high quality ranges and a skilled staff passionate about the industry they work in. We believe our enthusiasm is one of the things that sets us apart from other oil companies and surpass what's on offer from oil distributors. With rigorous R & D, and investment in our business and our people, we have developed into a truly professional oil company. We pride ourselves in our understanding of our given markets. This includes not just our customer base, but industry categories as a whole.

WHAT WE DO

At Lubricants NZ, we've curated a skill set that's the envy of the industry. We provide the most complete product offering for the market. Our combination of expertise & solutions focus means less fuss, increased service & your satisfaction. We specialise in the supply and delivery of oils, grease, coolant, chemicals and AdBlue.

SERVICE

We have a dedicated customer services team in each of our regions, along with territory managers in the field. At Lubricants NZ, we've found communication creates success. Working with us, you'll receive a sensitivity toward your commercial needs and an open door approach designed to resolve issues.

OUR RANGE

The premium Vertex Transmission/Differential Oils range is manufactured from market leading base products. This range covers any application/requirement you may encounter. From under warranty fluids to specific products for your pride and joy, no matter the application, we have a solution. Vertex has the broadest and most complete Transmission/Differential Oils Range.

We provide fluids for all transmissions (Manual, Auto, DSG, CVT, Power Shift UTTO), Differentials (LSD, Tandem Axle, FWD, 4WD, RWD, Combined) and other Power Driven applications.

From GL-4, GL-5, MT-1, to specialist OEM chemistry, we have you covered. All Vertex Lubricants are used extensively in the market by many of NZ's largest companies and brands.

From Automotive, Mining, Agriculture, Transport, Commercial, Shipping, Industrial Manufacturing to Railways Applications, the Vertex brand has been tried and proven in the most demanding environments.

We specialise and provide you the partnership you deserve. For a first class product with a range second to none, Vertex is the smart choice.



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Visit our Lube Guide for detailed recommendations for your vehicle listings by compartment. You can find us online at www.lubenz.co.nz.

Alternatively you can click on the QR code below.



Vertex Oil Selector

Gear Oils

// Synthetic // Semi Synthetic // Mineral





Transgear Syn FE 75W140

Vertex Transgear Syn FE 75W140 is a PAO fully synthetic supreme performance total driveline gear lubricant designed to meet the requirements of light and heavy duty drive trains in cars., trucks, buses.

Suitable for:

Heavily loaded axles. Improves “shock loading”, especially at lower temperatures and reduces wear during warming-up periods. Exceptional shear stability guarantees a long lasting oil film strength. Lowers friction. Splash and drag loss. This provides greater fuel economy over conventional fluids. Extended drain intervals with intact performance are also a benefit of using this product.

Note:

Not recommended for LSD applications.

API GL-5 • API MT-1 • MIL-L-2105D • MIL-L PRF-2105E • MACK GO-J • MACK GO-H

Product Code	Pack Size	Product Features
VTTSFE7514/C3B5L	5 Litre	<ul style="list-style-type: none"> • Full Synthetic • Fuel Economy
VTTSFE7514/P20L	20 Litre	
VTTSFE7514/D200L	200 Litre	



Transgear Syn FE 75W90

Vertex Transgear Syn FE 75W90 is a PAO fully synthetic supreme performance total driveline gear lubricant designed to meet the requirements of light and heavy duty drive trains in cars ., trucks, buses.

Suitable for:

Heavily loaded axles. Improves “shock loading”, especially at lower temperatures and reduces wear during warming-up periods. Exceptional shear stability guarantees a long lasting oil film strength. Lowers friction. Splash and drag loss. This provides greater fuel economy over conventional fluids. Note: Not recommended for LSD applications.

API GL 4 • API GL 5 • API MT 1 • MIL PRF 2105E • SAE J2360 • SCANIA STO 1:0 • MB 235.8 • MB 235.11 • ZF TE ML 02B • ZF TE ML 05B

Product Code	Pack Size	Product Features
VTTSFE759/C12B1L	1 Litre	<ul style="list-style-type: none"> • Full Synthetic • Fuel Economy
VTTSFE759/C3B5L	5 Litre	
VTTSFE759/P20L	20 Litre	
VTTSFE759/D200L	200 Litre	



Transgear Syn FE 75W80

PAO fully synthetic supreme performance total driveline gear lubricant and is a fuel economy driveline fluid designed to meet the requirements of light and heavy duty drive trains and transmissions in cars, trucks, buses.

Suitable for:

Both manual and automated manual gearboxes (LCV's), whether synchronized or non-synchronized. The high viscosity index improves "shift ability", especially at lower temperatures and reduces wear during warming-up periods. Lowers friction. Splash and drag loss. This provides greater fuel economy over conventional fluids. Extended drain intervals (up to 540 000km).

API GL 4 • ZF TE ML 01E • ZF TE ML 02E • ZF TE ML 16P • MAN 341 Z-5 • Volvo 97305 • MB 235.28

Product Code	Pack Size	Product Features
VTTSFE758/C6B5L	5 Litre	• Full Synthetic
VTTSFE758/P20L	20 Litre	
VTTSFE758/D200L	200 Litre	



Transgear Syn LSD 75W140

A fully synthetic supreme performance total driveline gear lubricant designed for Limited Slip Differentials in cars, light and heavy duty commercial vehicles operating in the most extreme environments and conditions. Can also be used for any GL-5 application. Especially recommended for arduous use, and heavily loaded application.

Suitable for:

Applications requiring an SAE 140, 75W140, or 85W140 gear lubricant. Eliminates noisy and grabbing limited slip differentials. Contains sophisticated EP additives providing excellent wear protection in vehicles operating under severe stress and high temperatures. Contains a 50% over treat of high performance thermal stable extreme pressure and limited slip additives. Formulated to ensure long service life to transmission drive lines.

Note: Not recommended for GL-4 transmission applications.

API GL-5 • API MT-1 • MIL-L-2105D • MIL-L PRF-2105E • MACK GO-J • MACK GO-H

Product Code	Pack Size	Product Features
VTTS7514/P20L	20 Litre	• Full Synthetic
VTTS7514/D200L	200 Litre	• LSD



Transgear Syn LSD 75W90

A fully synthetic supreme performance total driveline gear lubricant designed for Limited Slip Differentials in cars, light and heavy duty commercial vehicles operating in the most extreme environments and conditions. Transgear Syn LSD 75W90 can also be used for any GL-5 application, all types of hypoid differentials operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed. Especially recommended for arduous use, and heavily loaded application.

Suitable for:

Applications requiring an SAE 90, 75W90, or 80W90 gear lubricant. Eliminates noisy and grabbing Limited Slip Differentials. Contains sophisticated EP additives providing excellent wear protection in vehicles operating under severe stress and high temperatures. Outstanding high temperature and high load performance. Provides the ability to extend drain intervals. Contains a 50% over treat of high performance thermal stable extreme pressure and limited slip additives. Formulated to ensure long service life to transmission drive lines.

Note: Not recommended for GL-4 transmission applications.

API GL-5 • API MT-1 • MIL-L-2105D • MIL-L PRF-2105E • MACK GO-J • MACK GO-H

Product Code	Pack Size	Product Features
VTTS759/C6B5L	5 Litre	<ul style="list-style-type: none"> • Full Synthetic • LSD
VTTS759/P20L	20 Litre	
VTTS759/D200L	200 Litre	



Transgear RR 50 Syn

A fully synthetic oil for truck type manual gearboxes where manufactures like Road Ranger, Eaton Fuller, Rockwell and Spicer are commonly fitted. Transgear RR 50 Syn provides the longest drain intervals possible, along with low friction contributing to fuel economy. Use where an SAE 50 or 40 grade oil in manual transmissions has been recommended.

Suitable for:

Use in Eaton Road Ranger Transmissions and Rockwell Transmissions. Provides significantly better performance and protection than that offered by a conventional mineral transmission oil. Excellent long term wear protection and high temperature stability. Full synthetic fluid with extended drain benefits for transmissions operating under arduous conditions. Ultra modern anti wear, anti foam, corrosion and rust inhibiting package, delivers excellent protection even under the most arduous conditions. Compatible with copper or soft alloy bearing metals. Rust Inhibiting and corrosion formulation. Provides excellent protection.

Note: Not Suitable for hypoid differentials.

FORD M2C-85B • GMH HN1223 • Mack TO-A Plus • ZF TE-ML 02L • Eaton PS 164 rev 7 Arvin Meritor O-81 • International TMS 6816 • SAE 90 (Gear Oil Class) • CAT T-04

Product Code	Pack Size	Product Features
VTTGRR5/P20L	20 Litre	<ul style="list-style-type: none"> • Full Synthetic • Road Ranger
VTTGRR5/D200L	200 Litre	



Transgear Syn LSD 75W85

A fully synthetic supreme performance total driveline gear lubricant designed for Limited Slip Differentials in cars, light and heavy duty commercial vehicles operating in the most extreme environments and conditions. Transgear Syn LSD 75W85 can also be used for any GL-5 application, all types of hypoid differentials operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed. Especially recommended for arduous use, and heavily loaded application.

Suitable for:

Applications requiring an SAE 75W, 80W, 75W80 or 75W85 gear lubricant. Eliminates noisy and grabbing Limited Slip Differentials. Contains sophisticated EP additives providing excellent wear protection in vehicles operating under severe stress and high temperatures. Outstanding high temperature and high load performance. Provides the ability to extend drain intervals. Contains a 50% over treat of high performance thermal stable extreme pressure and limited slip additives. Formulated to ensure long service life to transmission drive lines.

Note: Not recommended for GL-4 transmission applications.

API GL-5 • API MT-1 • MIL-PRF-2105E • Mack GO-J • GMH HN 1561 • Borg Warner: 5M-31 M2C119-A • M2C1006A/B • MB 235.10 • MAN 341 • SAE J 2360

Product Code	Pack Size	Product Features
VTTS758/P20L	20 Litre	• Full Synthetic
VTTS758/D200L	200 Litre	• LSD



Transgear LSD 85W140

A semi synthetic supreme performance total driveline gear lubricant designed for Limited Slip Differentials in cars, light and heavy duty commercial vehicles operating in the most extreme environments and conditions. Transgear LSD 85W140 can also be used for any GL-5 application, all types of hypoid differentials operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed. Especially recommended for arduous use, and heavily loaded application.

Suitable for:

Applications requiring an SAE 140 or 85W140 gear lubricant. Eliminates noisy and grabbing Limited Slip Differentials. Contains sophisticated EP additives providing excellent wear protection in vehicles operating under severe stress and high temperatures. Outstanding high temperature and high load performance. Contains a 50% over treat of high performance thermal stable extreme pressure and limited slip additives.

Note: Not recommended for GL-4 transmission applications.

API GL-5 • API GL-6 (level) • API MT-1 • MIL-L-2105D • MIL-L-PRF-2105E • Mack GO-J • MACK GO-H • GMH HN 1561 • Borg Warner: 5M-31 • Ford M2C104-A • FORD M2C119-A • FORD M2C1006A FORD M2C1006B • FORD SM-2C-1013A

Product Code	Pack Size	Product Features
VTLS8514/C3B5L	5 Litre	• Semi Synthetic
VTLS8514/P20L	20 Litre	• LSD
VTLS8514/D200L	200 Litre	



Transgear LSD 80W90

A semi synthetic supreme performance total driveline gear lubricant designed for Limited Slip Differentials in cars, light and heavy duty commercial vehicles operating in the most extreme environments and conditions. Transgear LSD 80W90 can also be used for any GL-5 application, all types of hypoid differentials operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed. Especially recommended for arduous use, and heavily loaded application.

Suitable for:

Applications requiring an SAE 90 or 80W90 gear lubricant. Eliminates noisy and grabbing Limited Slip Differentials. Contains sophisticated EP additives providing excellent wear protection in vehicles operating under severe stress and high temperatures. Outstanding high temperature and high load performance. Contains a 50% over treat of high performance thermal stable extreme pressure and limited slip additives.

Note: Not recommended for GL-4 transmission applications.

API GL-5 • API GL-6 (level) • API MT-1 • MIL-L-2105D • MIL-L-PRF-2105E • Mack GO-J • MACK GO-H • GMH HN 1561 • Borg Warner: 5M-31 • Ford M2C104-A • FORD M2C119-A • FORD M2C1006A

Product Code	Pack Size	Product Features
VTLS89/C12B1L	1 Litre	• Semi Synthetic
VTLS89/C6B5L	5 Litre	• LSD
VTLS89/P20L	20 Litre	
VTLS89/D200L	200 Litre	



Energy Trans 80W110

A semi synthetic transmission and axle oil designed for use in universal applications. Can replace SAE 80W90 and SAE 85W140. Energy Trans 80W110 can also replace LSD rated fluids. Ideal product for reducing the number of gear oils you use on site. Lubricate front or back strongly hypoid axles and loaded final reductions. Use in limited slip and self-locking disc differentials.

Suitable for:

Most applications requiring a GL-4/GL-5 oil. Strongly decrease the number of lubricants needed for the whole vehicle park maintenance. Exceeds the performance levels required by the machinery OEMs for most axle/final drive applications. Eliminates all mistake possibilities of lubricant application. Can also be used in all types of gearboxes, with mechanical or synchronized shifting. Can be used all year round, due to its high VI. Very fluid at cold temperature, permits a use of the final drive line, without power losses and with a break capacity immediately available and efficient. Thick at high temperature, keeps an optimal and secured lubrication of loaded organs. The additives in Vertex Energy Trans 80W110 provide excellent friction control, less diff/final drive noise and reduce gear wear. Offers extended drain intervals.

API GL-5 • API MT-1 • MIL-L-2105D • MIL-L-PRF-2105E • Mack GO-J • MACK GO-H • GMH HN 1561 • Borg Warner: 5M-31 • Ford M2C104-A • FORD M2C119-A • FORD M2C1-190A • CATERPILLAR FD-1 • MB 235.0 • MAN 342 type N

Product Code	Pack Size	Product Features
VTET811/C3B5L	5 Litre	• Semi Synthetic
VTET811/P20L	20 Litre	• LSD
VTET811/D200L	200 Litre	• Consolidation



Transgear 5 HP 75W90

Vertex Transgear 5 HP 75W90 is a semi synthetic multipurpose gear lubricant manufactured from selected, highly refined base oils. Advanced technology additives ensure extra protection at extreme low and high operating temperatures. Full synchromesh compatibility. Meets the need for a 'universal' gear oil which can be used in automotive and commercial manual gearboxes, transaxles, transfer boxes and final drives where stringent performance specifications including must be met. Applications requiring a synthetic based or low viscosity lubricant. Excellent chemical and thermal stability over a wide range of temperature.

Suitable for:

Providing top-tier performance under extremely high pressure (EP Condition) by utilising core Sulfur-Phosphorus EP Technology. This advanced Chemistry allows Vertex Transgear 5 HP 75W90 to be able to withstand the super high load between the teeth of those hypoid gear sets commonly found in modern vehicles' transmission system. Provides excellent thermal stability and corrosion resistance as well. It is blended with antifoam to suppress excess forming. The superior sulfur/phosphorus additives are fully compatible with seals/ gaskets.

API GL-5 • API MT-1 • MIL-L-2105D • MIL-L-PRF 2105E • Mack GO-J • MAN 342N • ZF TE-ML 05A • ZF TE-ML 07A • ZFTE-ML 12E • ZF TE-ML 16B • ZF TE-ML 17B • ZF TE-ML 19B

Product Code	Pack Size	Product Features
VTTG5759/C12B1L	1 Litre	• Semi Synthetic
VTTG5759/C3B5L	5 Litre	
VTTG5759/P20L	20 Litre	
VTTG5759/D200L	200 Litre	



Transgear 4 HP 75W80

Transgear 4 HP 75W80 is an extreme pressure semi-synthetic lubricant for mechanical gearboxes. Contains the latest technology extreme pressure additives and is designed to protect gearboxes and transaxles under the most severe conditions. Suitable for manual gearboxes and transaxles of passenger cars, vans, trucks, and buses where the manufacturer recommends an API GL-4 transmission oil with a viscosity of SAE 75W-80 or 80W. Advanced formulation that can replace the need for 10W-30 or 5W-40 engine oils used in manual gearboxes as well as in motorcycle gear boxes.

Suitable for:

Use in some ZF truck manual gearboxes and is also suitable for use in BTR T-5 gearboxes. Designed to remedy vehicles that are suffering from shift quality problems with higher viscosity fluids. Very high thermal stability guarantees long life. Neutral with regard to seals at temperature temperatures.

API GL-4 • GMH HN 1820 • GM HN 1855 • Borg Warner: 5M-42 • ZF TE-ML 02D • Chrysler MS 9224 • Land Rover MTF 94 • MB 235.10 • Honda MTF 7289

Product Code	Pack Size	Product Features
VTT4HP758/C3B5L	5 Litre	<ul style="list-style-type: none"> • Semi Synthetic • Manual Trans
VTT4HP758/P20L	20 Litre	
VTT4HP758/D200L	200 Litre	



Transgear 4 HP 80W90

Transgear 4 HP 80W90 is a semi synthetic multi-purpose type EP gear oil. Contains complex extreme pressure additives and is designed to protect gearboxes and transaxles under the most arduous conditions. Specially formulated to provide enhanced protection, lubrication and easier shifting over a wide temperature range. Designed for use in all (hypoid) transmissions and transaxles where a API GL-4 gear oil is specified by the manufacturer.

Suitable for:

Manual shift outboard gearboxes and stern-drive gearboxes. Extreme pressure (EP) rated oil. High resistance to deterioration, guarantees stable performances even in high working temperatures. Very high thermal stability guarantees long life. Neutral with regard to seals at temperature temperatures. Smooth shifting in manual transmissions by controlling glazing and coking of friction surfaces in synchronising mechanisms.

API GL-4 • MIL-L-2105D • GMH HN 1820/HN 1855 • Borg Warner: 5M-42

Product Code	Pack Size	Product Features
VTTG489/C12B1L	1 Litre	<ul style="list-style-type: none"> • Semi Synthetic • Manual Trans
VTTG489/C3B5L	5 Litre	
VTTG489/P20L	20 Litre	
VTTG489/D200L	200 Litre	



Transgear 5 85W140

Vertex Transgear 5 85W140 is a high performance multi-purpose gear lubricant manufactured from selected, highly refined base oil and blended with field-proven additives.

Suitable for:

A wide range of differentials including most manual transmissions in commercial vehicles. Especially recommended for arduous use, and heavily loaded application. Designed for use in all types of hypoid differential, without limited-slip, operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed. All applications calling for an API GL-5 or OEM specification as listed below.

Vertex Transgear 5 85W140 may also be used as a high performance substitute for SAE 90 or 140 when used in hypoid and spiral bevel gears. Contains special oxidation resistant base oils combined with a over treat of thermal stable extreme pressure additives. Creates exceptional oxidation stability. Provides increased protection and lubrication of the differential and the transaxle over a wide temperature range. Designed to provide top-tier performance under extremely high pressure by utilising the core Sulfur- Phosphorus EP Technology. Also provides outstanding corrosion protection and anti-foam additives to protect gearbox and differential components. Withstands the super high load between the teeth of those hypoid gear sets commonly found in modern vehicles' transmission system.

API GL-5 • ZF TE ML 05A • ZF TE ML 07A • ZF TE ML 12D • ZF TE ML 16B • ZF TE ML 17B • ZF TE ML 19B

Product Code	Pack Size	Product Features
VTTG58514/C12B1L	1 Litre	• Mineral
VTTG58514/C3B5L	5 Litre	
VTTG58514/P20L	20 Litre	
VTTG58514/D200L	200 Litre	

Gear Oils (SPECIALIST DCT, FDAO)



Transgear 5 80W90

Vertex Transgear 5 80W90 is a high performance multi-purpose gear lubricant manufactured from selected, highly refined base oil and blended with field-proven additives.

Suitable for:

A wide range of transmissions and differentials. Developed for on-road and off-road use. Designed for use in all types of hypoid differential, without limited-slip, operating under shocks, heavy loads and low revolution speed or moderate load and high revolution speed. All applications calling for an API GL-5 or OEM specification as listed below.

Vertex Transgear 5 80W90 may be used as a high performance substitute for SAE 80 or 90 when used in hypoid and spiral bevel gears. Contains special oxidation resistant base oils combined with a over treat of thermal stable extreme pressure additives. Creates exceptional oxidation stability. Increased protection and lubrication of the differential and the transaxle over a wide temperature range. Designed to provide top-tier performance under extremely high pressure by utilising the core Sulfur-Phosphorus EP Technology. Provides outstanding corrosion protection and anti-foam additives to protect gearbox and differential components. Withstands the super high load between the teeth of those hypoid gear sets commonly found in modern vehicles' transmission system.

API GL-5 • MAN 342N • MACK GO-J • ZF TE-ML 05A • ZF TE-ML 07A • ZF TE-ML 12E • ZF TE-ML 16B • ZF TE-ML 17B • ZF TE-ML 19B

Product Code	Pack Size	Product Features
VTTG589/C12B1L	1 Litre	• Mineral
VTTG589/C3B5L	5 Litre	
VTTG589/P20L	20 Litre	
VTTG589/D200L	200 Litre	



Transgear DCT LL

Vertex Transgear DCT LL is a full synthetic transmission fluid, specifically developed for the dual clutch transmissions (DCT) of modern passenger cars. It ensures trouble-free operation of these gearboxes.

Suitable for:

BMW and other OEM dual clutch transmissions designed by GETRAG, VW DSG and for ZF DCTs. Also Suitable for Manual Transmissions requiring a full synthetic SAE 70W fluid. Provides exceptional frictional properties for the clutch and superior protection for the gear sets, protects against wear and corrosion while the low viscosity improves fuel economy. Vertex Transgear DCT LL offers significantly extended transmission and oil life. Allows for very smooth gear shifting, no vibration.

BMW EU: 83 22 2 148 578 / 83 22 2 148 579 • BMW USA: 83 22 0 440 214 / 83 22 2 147 477
Porsche 0000 043020 ZF TE-ML 11 • VW TL 521 82 • WSS-M2C936A

Product Code	Pack Size	Product Features
VTTGDCTLL/C12B1L	1 Litre	• Full Synthetic
VTTGDCTLL/C3B5L	5 Litre	• DSG
VTTGDCTLL/P20L	20 Litre	
VTTGDCTLL/D200L	200 Litre	



FDAO LS

Vertex FDAO LS is a friction modifier to supplement sulfur-phosphorous gear oil additives, especially for anti-slip/chatter performance. It is a balanced additive formulated for use in conjunction with various lubricants used in final drives and transmissions. It is compatible with all GL-5, J2360, MIL-PRF-2105E and most TO-4 lubricants.

Suitable for:

Use in automotive and heavy equipment manufacturer transmissions and final drives requiring an additive of this type. Where a manufacturer calls for Sturaco 7098 additive. Final drives requiring Lubrizol 9990A additives. Not suitable for use in API GL-4 transmission applications. Applications requiring an anti-chatter performance additive. Customers desiring an improvement in improving noise, vibration and harshness (NVH) performance.

Vertex FDAO LS provides the following benefits: Latest technological development in lubricant additivation. Compatible with GL-5, J2360 and MIL-PRF-2105E gear lubricants. Superior thermal stability and longevity under extreme operating conditions. Thermally stable friction modifier designed to supplement sulfur-phosphorous gear lubricants in limited-slip axle applications. Formulated to provide excellent compatibility with Viton® and other seal materials under high-temperature operating conditions. When used at the correct dosage, can reduce noise, increase brake performance, and decrease brake wear. Commonly used in applications at 3-6% by weight of the gear lubricant contained being mixed with. This product may also be used as a highly concentrated overtreat of LSD additive. Simply add to final drives of high performance vehicles for added protection and performance.

Ford M2C118A/B • DANA 40819 • Daimler Chrysler MS 5630 • Kawasaki • Caterpillar

Product Code	Pack Size	Product Features
VTFDAOLS/C18B1L	1 Litre	• Full Synthetic
VTFDAOLS/C3B5L	5 Litre	

API Gear Oil Specifications

Category	Status	Description
GL-1	Active	The designation API GL-1 denotes lubricants intended for manual transmissions operating under such mild conditions that straight petroleum or refined petroleum oil may be used satisfactorily. Oxidation and rust inhibitors, defoamers, and pour depressants may be added to improve the characteristics of these lubricants. Friction modifiers and extreme pressure additives shall not be used.
GL-2	Inactive	The designation API GL-2 denotes lubricants intended for automotive worm-gear axles operating under such conditions of load, temperature, and sliding velocities that lubricants satisfactory for API GL-1 service will not suffice.
GL-3	Inactive	The designation API GL-3 denotes lubricants intended for manual transmissions operating under moderate to severe conditions and spiral-bevel axles operating under mild to moderate conditions of speed and load. These service conditions require a lubricant having load-carrying capacities exceeding those satisfying API GL-1 service but below the requirements of lubricants satisfying API GL-4 service.
GL-4	Active	The designation API GL-4 denotes lubricants intended for axles with spiral bevel gears operating under moderate to severe conditions of speed and load or axles with hypoid (see note) gears operating under moderate speeds and loads. These oils may be used in selected manual transmission and transaxle applications where MT-1 lubricants are unsuitable. The manufacturer's specific lubricant quality recommendations should be followed.
GL-5	Active	The designation API GL-5 denotes lubricants intended for gears, particularly hypoid (see note) gears, in axles operating under various combinations of high-speed/ shock load and low-speed/ high-torque conditions.
GL-6	Inactive	The designation API GL-6 denotes lubricants intended for gears designed with a very high pinion offset. Such designs typically require protection from gear scoring in excess of that provided by API GL-5 gear oils.

Notes:

In most slow, highly loaded, geared applications, there exists a lubricating condition that is typical for most failures due to adhesive wear. This condition is known as a boundary condition. In a boundary condition, there is no separation of the interacting surfaces. The function of an Extreme Pressure (EP) additive is to prevent this adhesive wear and protect the components when the lubricating oil can no longer provide the necessary film thickness.

Traditional boundary lubrication additives do not remain on the metal surface and cannot prevent the increasing friction, wear and damage to the machinery seen under these conditions. Extreme Pressure additives are required in order to enable the specific application operating under these conditions to continue.

There are two main types of EP additives, those that are temperature-dependent, and those that are not. The most common temperature-dependent types include boron, chlorine, phosphorus and sulfur. They are activated by reacting with the metal surface when the temperatures are elevated due to the Extreme Pressure. The chemical reaction between the additive and metal surface is driven by the heat produced from friction.

An important distinction to make when selecting a gear oil is its actual destination. There are different requirements for a synchromesh and non-synchromesh transmission. Additionally there are different requirements for axles depending on a variety of reasons (manufacturer, LSD or non LSD, single axle or tandem axle etc). This means it is always best to pay attention to what the OEM specifies for use as they will have valid reasons for this.

The base fluid of the product does not normally have an influence on the chemistry. When a synthetic oil is specified for an application it is normally for increased drain intervals. If it is chemistry related, you will normally see an OEM reference such as Scania STO 2:0 quoted.

Auto Transmission Fluid (ATF)

// Synthetic // Mineral



Auto Transmission Fluid (ATF)



Transmatic DX-6

Vertex Transmatic DX-6 is an automatic transmission fluid designed to meet OEM specifications for a low viscosity full synthetic fluid. Vertex Transmatic DX-6 is a specialist fluid, and should not be mistaken for a multi vehicle ATF.

Suitable for:

Use in DEXRON VI and ZF Lifeguard 8 applications. Recommended for 6-speed or 7-speeds automatic transmissions in passenger vehicles. Transmissions requiring a Low Viscosity full synthetic fluid. Specially formulated for service fills to suit the latest ZF transmissions in imported vehicles. Better low temperature properties, Improved Fuel Economy and Improved Oxidation Performance. Stable Friction Coefficient. Offers ultimate performance for your transmission. Manufactured from unique Group IV base stock. Offers Shudder free operation at all times. Smooth gear shifting and efficiency. Extremely low pour point. Extended anti-shudder durability. Ideal for a wide variety of vehicles. Specially designed for GM and Ford group vehicles, and for applications calling for ZF Lifeguard products.

Note: Not for use in CVT or DCT applications

Dexron VI/IIH • Toyota T-IV/JWS 3324 • VW G052 990 A2 • VW G055 025/540 A • VW G060 162 A1/2/6 • ZF Lifeguard 6/8/9 • BMW 83 22 2 152 426/ 83 22 305 397 • MB 236.10/11/12/14/15 • Suzuki 3314/3317 • Volvo 1161640 • Ford WSS M2C 922A/924A • Honda ATF-Z1/Type 3.1 • Mazda M-V/FZ/F-1 • Hyundai/Kia SP-IV RR • Hyundai/Kia ATF Red-1K/ NWS 9638 T-5 • Mitsubishi Diaqueen SK/AW/SP-IV • Nissan Matic-D/J/K/S/W • JASO M315-2013/1A-LV/Class 1A

Product Code	Pack Size	Product Features
VMTMDX6/C12B1L	1 Litre	• Full Synthetic
VMTMDX6/C3B5L	5 Litre	
VMTMDX6/P20L	20 Litre	
VMTMDX6/D200L	200 Litre	



Transmatic MP

A late generation ATF that satisfies the new evolving engine technology which requires an improvement in fuel economy, reduction in emission and higher transmission efficiency. Manufactured from a full synthetic base, it is a true Multi Purpose ATF designed for a wide range of vehicles.

Suitable for:

A wide variety of vehicles including 4-speed, 5-speed and 6-speed automatic transmissions in passenger vehicles.

Vertex Transmatic MP is a premium fully synthetic multi vehicle ATF specially formulated for service fills to suit the latest local and imported vehicles. Specially formulated Vertex Transmatic MP meets the latest HV requirements of modern transmissions. Better low temperature properties. Improved Oxidation Performance. Stable Friction Coefficient. Offers ultimate performance for your transmission. Manufactured from unique Group IV base stock. Offers Shudder free operation at all times. Smooth gear shifting and efficiency. Low pour point. Extended anti-shudder durability.

Note: Not suitable for use in DEXRON VI, MERCON LV, CVT or DCT applications.

Dexron IIIH/GM Saturn VI/AW1 • Toyota T-IV/JWS 3324 • VW G055 025-A2/G052 162 • VW G060 162 • ZF Lifeguard 6/8 • BMW LT71141 • MB 236.1/2/3/5/6/7/8/9 • Suzuki 3314/3317 • Volvo 1161640 • Ford WSS M2C 922A/924A/938A • Honda ATF-Z1/Type 3.1 • Isuzu Besco ATF-III • Mazda M-V/FZ/F-1 • Hyundai/Kia SP-IV RR • Hyundai/Kia ATF Red-1K/ NWS 9638 T-5 • Diaqueen/Fuso SP-III/SP-IV • Nissan Matic-D/J/K/S • JASO M315-2013/1A-LV/Class 1A

Product Code	Pack Size	Product Features
VMTMMP/C12B1L	1 Litre	• Full Synthetic
VVMTMMP/C3B5L	5 Litre	• Multi Purpose
VMTMMP/P20L	20 Litre	
VMTMMP/D200L	200 Litre	

Auto Transmission Fluid (ATF)



Transmatic 3 Syn

A full synthetic premium quality automatic transmission recommended for use in vehicles where Dexron III is required. Vertex Transmatic 3 Syn is a very high viscosity index fluid containing superior additive technology.

Suitable for:

Most power steering and hydraulic systems where the following specifications are nominated: Dexron/ II / III, SAE 10W, SAE 10W-20 or SAE 10W-30 engine oil.

Vertex Transmatic 3 Syn is recommended for all automatic transmissions and powershifts as well as hydraulic systems for which the manufacturer recommends a DEXRON® III. Provides the longest fluid life span possible for automatic gearboxes, powershift transmissions, hydraulic clutches, power-assisted steering systems. Offers exceptional thermal stability and oxidation resistance, preventing the formation of deposits in immersed clutches. Very high cold fluidity and enhanced lubricity permitting jolt-free operation of the box without excessive slip, at all temperatures and all speeds.

Vertex Transmatic 3 Syn contains friction properties especially adapted for the coating materials on clutches, brakes and the lock-up systems installed in modern gearboxes. Excellent compatibility with the joints; enhanced anti-wear, anti-corrosion and anti-foaming performances.

ALLISON C4 • FORD MERCON • DEXRON III • MB 236.6 • RENAULT DPO • VOITH H 55.633535

Product Code	Pack Size	Product Features
VMTM3S/C12B1L	1 Litre	• Full Synthetic
VMTM3S/C3B5L	5 Litre	
VVMTM3S/P20L	20 Litre	
VMTM3S/D200L	200 Litre	

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Transmatic DX-2

An Automatic transmission fluid formulated on basis of strictly selected oils in order to meet even the most severe requirements for automatic transmissions. Predominantly designed for offroad and port handling equipment. This product is a specifically crafted ATF and not for use in applications not requiring a Dexron II type fluid.

Suitable for :

Use in automatic transmissions and ZF power steering requiring a DEXRON II fluid. Hydraulic systems and Hydrostatic Guide Ways. Clark Power Shift Transmissions and some models of Voith gearboxes. Ingersoll Rand compressors (Type Gyro Flo, Flo Spiro, Super Spiro), mobile pallet compressors RP series, Gardner Denver screw compressors and, of course, for General Motors automatic transmissions. Recommended for mobile equipment used by utility companies, which require electrical insulating properties for their oils.

Vertex Transmatic DX-2 provides the following benefits: Reliable protection against wear, sludge, adhesion and corrosion. Provides very shear stable viscosity-temperature behaviour. Can be used both at very low and very high temperatures. Manufactured using a mix of synthetic and organic materials to achieve Dexron II requirements. Possesses an extremely high thermal load. No foaming, even under the heaviest loads. Compatibility with sealing materials.

ALLISON C4 • CAT TO-2 • Dexron II D • MAN 339 V1 • MB 236.5 • MB 236.7 • VOITH H 55.6335 • ZF TE-ML 03D/04D/11A/14A/17C

Product Code	Pack Size	Product Features
VMTMDX2/C3B5L	1 Litre	• Full Synthetic
VMTMDX2/C3B5L	5 Litre	
VVMTMDX2/P20L	20 Litre	
VMTMDX2/D200L	200 Litre	

Specialist (CVT, MOTO)

// Synthetic // Semi Synthetic





Transmatic CVT FE

Transmatic CVT FE is a fully synthetic, fuel economy CVT fluid. Blended from high-performance synthetic base oils and carefully selected additives.

Suitable for:

Use in Continuously Variable Transmissions (CVT)'s in Mercedes Benz, VAG, BMW, Subaru, Ford, GM, Chrysler. Standard CVT's in need of greater fuel economy. CVT's fitted to vehicles with greater than 300 nm of torque.

Transmatic CVT FE provides the following benefits: minimises friction between belts and pulleys. Protects against fatigue damage. Imparts shear/oxidation stability to the fluid and maintains the performance of the CVT by providing excellent wear protection. Remains fluid at low temperatures for excellent operation during winter.

VAG TL 52180 • VAG G 052 180/052 516 • Ford CVT30 • Ford WSS-M2C933-A • Ford Motorcraft XT-7-QCFT • Ford MERCON C • Subaru Lineartronic/high torque • BMW 8322 O 136 376/8322 O 429 154 • Daihatsu CVTF-DC/DFE • Chrysler NS-2/CVTF+4 • Ford CVT23 • GM DEX-CVT • Honda HMMF/HCF-2 • Hyundai/Kia SP-CVT 1 • Mazda CVTF 3320 MB CVT28/236.20 • Mini EZL 799A • Mini ZF CVT V1 • Mitsubishi CVTF-J1/J4 • Nissan NS-2/3 • Subaru e-CVTF/i-CVT/CV30 • Suzuki CVTF 3320 • Subaru TC/NS 2/CVTF Green 1/Green 2/KO425Y0710 Toyota/Lexus TC/FE

Product Code	Pack Size	Product Features
VMTCVTFE/C12B1L	1 Litre	• Full Synthetic
VMTCVTFE/C3B5L	5 Litre	• CVT
VMTCVTFE/P20L	20 Litre	• Fuel Economy
VMTCVTFE/D200L	200 Litre	



Transmatic CVT MV+

Transmatic CVT MV+ is a fully synthetic multi purpose CVT fluid, blended from high-performance synthetic base oils and carefully selected additives.

Suitable for:

Use in the latest generations* of Continuously Variable Transmissions (CVT) which transfer traction via steel-made traction chains or belts. Nissan, Honda, Subaru, Suzuki, Mini, Toyota CVT transmissions etc. Transmatic CVT MV+ minimises friction between belts and pulleys which protects against fatigue damage. Imparts both shear and oxidation stability to the fluid and maintains the performance of a CVT by providing excellent wear protection. Smoother operation, longer gear life, ultra high performance.

Note: *For late model Mercedes Benz, VAG, Nissan NS III and High Torque applications, please use Transmatic CVT FE.

Toyota CVTF TC/FE • Nissan NS 2 • Honda HMMF/HCF2 • Mitsubishi SP-III/CVTF-J1 Daihatsu Ammix CVT • Suzuki CVT TC/CVT Green 1/Suzuki NS-II • Hyundai/Kia SP-III Dodge Caliber NS-II • Mini EZL 799

Product Code	Pack Size	Product Features
VMTCVTMVP/C12B1L	1 Litre	• Full Synthetic
VMTCVTMVP/C3B5L	5 Litre	• CVT
VMTCVTMVP/P20L	20 Litre	• Multi Purpose
VMTCVTMVP/D200L	200 Litre	



Transmatic CVT

Vertex Transmatic CVT is a fully synthetic constant variable transmission fluid. Blended from high-performance synthetic base oils and carefully selected additives, including friction modifiers, detergent-dispersants, oxidation inhibitors, viscosity index improvers, corrosion inhibitors, and defoaming agents. Can also be used in place of DEXRON III fluids.

Suitable for:

Use in early generations of Nissan Continuously Variable Transmissions (CVT) which transfers traction via steel-made traction chains or belts. It provides outstanding power transfer and better fuel-economy performance for CVTs as compared with the regular automatic transmissions.

Vertex Transmatic CVT minimises friction between belts and pulleys which protects against fatigue damage. Imparts both shear and oxidation stability to the fluid and maintains the performance of a Continuously Variable Transmission by providing excellent wear protection. Remains fluid at low temperatures for excellent operation during winter. Prevents sludge and varnish build up.

Nissan NS I • DEXRON III H

Product Code	Pack Size	Product Features
VMTCVT/C3B5L	5 Litre	• Full Synthetic
VMTCVT/P20L	20 Litre	• CVT
VMTCVT/D200L	200 Litre	



Moto Gear Oil 10W40

Vertex Moto Gear Oil 10W40 is a high performance full synthetic multi-grade motorcycle transmission oil. For the latest generation of on and off road 2 and 4 stroke motorcycles.

Suitable for use in two and four stroke motorcycles with separate manually operated or automatic gearboxes, with or without wet clutches. Where a multi-grade transmission oil is recommended by the manufacturer.

Vertex Moto Gear Oil 10W40 provides the following benefits: Enhances gear shift quality for fast engine acceleration. Increases gear shift precision and smoothness even in cold weather. Anti-fade protection of clutch plates and smooth clutch engagement. Reduces wear, corrosion, and oxidation. Formulated without friction modifiers robust clutch engagement and elimination of slippage. High film strength for extended life of transmission components.

API GL-4 • JASO MA-2

Product Code	Pack Size	Product Features
VMOGO14/C12B1L	1 Litre	• Semi Synthetic
VMOGO14/C3B5L	5 Litre	• Motorcycle
VMOGO14/P20L	20 Litre	

Power Steering & Hydraulics

// Semi Synthetic // Mineral



Power Steering (DCT, FDAO)



Power Steer Syn 202

Vertex Power Steer Syn 202 is a specialist very high viscosity index synthetic oil for use in power steering, suspension, hydraulic and braking systems. Dyed red for easy identification.

Suitable for:

Use in shock absorbers, hydro-pneumatic suspension, traction and stability control systems. Power steering and suspension systems in late model European and other high tier vehicles. Where the following OEM products are listed – Pentosin CHF 11S/202, TOTAL DA/LDS and MB 345.0 fluids. Braking systems of certain vehicles – please check the vehicle handbook before use. Additional applications can be found on our online application guide.

Vertex Power Steer Syn 202 provides the following benefits: Good flow rates of fluid at extremes of temperature. Excellent lubricating properties. High thermal stability. Excellent protection against wear and corrosion. Will not harm internal parts, seals and hoses. Compatible with existing system fluids. May be used where LHM Plus is specified so can minimise inventory. Will not harm internal parts, seals and hoses.

Note: Not suitable for use in DOT 3/4/5/5.1 applications.

BMW 81.22.9.407.758 • BMW 82.11.1.468.041 • Fendt X902.011.622 • Fiat 9.55550 • Porsche 000.043.203.33 • Holden 1940715 GR.4.581 • Rolls Royce RR 5000 • MB 345.0 • FORD M2C 204-A • ISO 7308 • DIN 51524 T2 • VOLVO 1273.36 • VW 521.46 • ZF TE-ML 02K • PSA S 71 2710

Product Code	Pack Size	Product Features
VHPSFS/C12B1L	1 Litre	• Full Synthetic
VHPSFS/P20L	20 Litre	• Aero Grade



Power Steer Fluid

Vertex Power Steer Fluid is a premium synthetic, multipurpose power steering fluid for use in power steering systems that specify a conventional type Automatic Transmission Fluids (ATF's) i.e. DEXRON® II and III Fluids.

Suitable for:

Use in power steering systems, selected hydraulic systems and OEM applications that require a fluid of this type. Contains special anti-shudder additives that are designed to provide enhanced wear protection, longer service life and reduce noise in all conditions.

Vertex Power Steer Fluid provides the following benefits: For use in Australian, US, Korean, European and Japanese vehicles where ATF DEXRON®-II/III is also specified. Ideal for use in Ford EF-FG where Ford M2C134-D is specified. Anti-shudder additive reducing chatter and noise. Protects against rust and corrosion. Compatible with existing system fluids.

Dexron II/III • Ford M2C 134 C/D • Chrysler MS-1872 • PS 11872 • GM 9985010

Product Code	Pack Size	Product Features
VHPSF/C12B1L	1 Litre	• Full Synthetic
VHPSF/C3B5L	5 Litre	
VHPSF/P20L	20 Litre	
VHPSF/D200L	200 Litre	



Power Steer LHM+

Vertex Power Steer LHM+ is a specialist very high viscosity index oil for use in power steering, suspension, hydraulic and braking systems. Dyed green for easy identification.

Suitable for:

Use in ISO 7308 for petroleum based fluids used in stored energy systems. Recommended for service re-fill or top-up of hydraulic suspensions systems, braking and power steering systems where the manufacturer calls for a mineral based LHM fluid (for synthetic use Vertex Power Steer Syn 202). LHM Plus is specified by manufacturers that require this product including Citroen, Peugeot, Jaguar, Rolls Royce, BMW and certain agricultural OEM's. Suitable for other vehicle suspension systems and in vehicles requiring mineral brake fluid. Can also be used as a replacement for 7.5W fork oil for motorcycles. Vertex Power Steer LHM+ provides the following benefits: Protects against wear and corrosion, good flow rates of fluid at extremes of temperature, compatible with LHM/LHM+ OEM Fluids. Will not harm internal parts, seals and hoses.

Renault PSA B71 2710 • Ford ESN-M6C59-A • ISO 7308 • Massey Ferguson MF 1151 • VW 2000

Product Code	Pack Size	Product Features
VPSLHM+/C12B1L	1 Litre	• Mineral
VPSLHM+/C3B5L	5 Litre	• LHM
VPSLHM+/P20L	20 Litre	

CVT Explained

What Does CVT Stand For?

CVT stands for Continuously Variable Transmission.

Advantages of CVT

Depending on the vehicle and the driver, a CVT can provide a smoother driving experience when comparing it to a traditional automatic.

One of the most significant advantages to having a CVT is that they are often more fuel-efficient than a regular automatic. This is part of the reason that they are becoming a more popular choice for automakers in many vehicles.

How Does a CVT Work?

In order to see how a CVT works, you need to understand a manual and a traditional automatic. A manual has a set number of gears, and the driver determines what gear ratio they need. An automatic also has a set number of gears, but it uses a hydraulic system that responds to pressure created by the conditions to determine the gear needed without any input from the driver.

A CVT is similar to an automatic in that it doesn't use any input from the driver, but doesn't have any gears. Instead, it has two pulleys. One pulley connects to the engine, and the other connects to the wheels. A flexible belt connects the two pulleys. The width of the pulleys changes depending on how much power the vehicle needs. Since neither the pulleys or the belt are fixed, they can provide an infinite number of gear ratios, unlike the automatic, which has a set number of gears. Not all CVTs are created the same. The most common type is the pulley-based, but some other types include the Toroidal CVT and the hydrostatic CVT.

Offroad (Agri, Mining, Civil Construction)

// Synthetic // Semi Synthetic // Mineral





Agri Shift ULV

Vertex Agri Shift ULV is a new generation, low viscosity, full synthetic Universal Tractor Transmission Oil (UTTO) designed for off road power- driven equipment.

Vertex Agri Shift ULV can replace standard mineral UTTO fluids, thereby consolidating inventory. Formulated with a high performance synthetic base fluid, in combination with a specially optimised additive system. Prevents sticking, slipping, chattering and the accompanied noise, all year round. Suitable for all modern disc brake materials and fulfils the requirements of the Volvo WB 102 specifications. Due to the high shear stability of the product, the viscosity characteristics remain constant for a longer period of time. Up to 30% more wear protection when compared to regular mineral oil based UTTO products with the same viscosity grade. Outstanding low temperature characteristics offer a significant reduction in the machinery warm-up period. Low kinematic viscosity has been optimised to help improve machine efficiency while still providing protection to machine components.

Suitable for:

Environments which place tough demands on power driven components, including off- highway equipment such as: gears, transmissions, differentials, final drives, hydraulic pumps, bearings, wet brakes, power take-off (PTO) clutches, Komatsu AXO, Volvo WB102, Kubota and Polaris low viscosity requirements.

API GL-4 • Allison C-4 • ZF TE-ML 03E/05F/06K • Case MS 1206,1207 • CNH MAT 3525 • CNH MAT 3526 • MF M1135/1141 /1143/1145 • Volvo WB 101 • Volvo WB 102 • Case MS 1210 • Ford WSS-M2C134-D John Deere J20C • John Deere J20D • Kubota UDT Fluid • Cat TO-2 • Komatsu AXO 80 • McCormick HTX

Product Code	Pack Size	Product Features
VMO4T15/P20L	20 Litre	• Full Synthetic
VMO4T15/D200L	200 Litre	



Agri Shift CVT

Vertex Agri Shift CVT is a new generation specific viscosity full synthetic tractor transmission lubricant. Designed exclusively for CVT transmissions in late model off road machinery. Vertex Agri Shift CVT is designed to provide smooth CVT operation during all loads and climates encountered. Synthetic technology with superior oxidation resistance. Provides extended drain intervals. High and stable viscosity index. Premium frictional characteristics for smooth brake operation. Reduces wet brake noise, thus maintains brake capacity while limiting friction plate wear. Excellent resistance to corrosion and foaming. Superior EP and anti-wear properties. Suitable for use as a hydraulic fluid. Compatible with conventional seal elastomers.

Suitable for:

Drive-lines, oil-immersed brakes, hydraulic systems and transmissions, classified as a multi functional oil (MFO). Also suitable for wet brakes, and hydraulic systems. Off-road machinery equipped with Continuous Variable Transmissions (CVT).

Note: Not suitable in passenger cars fitted with CVT.

API GL-4 • ZF TE ML-03E • ZF TE ML-06M/R/S • John Deere JDM J20D • CNH MAT 3525 • CNH MAT 3540 (CVT) Valtra G2-08 (XT-60) • Same Deutz-Fahr • FNHA-2-C-200.00/201.00 • Claas CVT • Fendt Vario AGCO CVT ML 200 Volvo WB 101 • Allison C4 • Cat TO-2 • Case MS 1210

Product Code	Pack Size	Product Features
VAASCVT/P20L	20 Litre	• Full Synthetic
VAASCVT/D200L	200 Litre	• CVT



Agri Trans TDTO 10W30

Vertex Agri Trans TDTO 10W30 is a synthetic based Transmission and Drive Train oil (TDTO). Specially designed for hydraulic and hydrostatic systems. Multigrade oil that can be used in place of 10W and 30W powertrain fluids.

Vertex Agri Trans TDTO 10W30 exceeds the requirements for the Caterpillar TO-4 oil specification that not only include the frictional requirements, but also gear wear requirements. Offers maximum protection against mechanical wear, rusting and corrosive wear in all hydraulic and hydrostatic transmission systems. The additives used in this product provide excellent friction control, less brake noise and reduce gear wear. Prolongs the life of brakes, transmissions as well as hydraulic systems. Can be used in multiple compartments reducing the number of oils needed to be carried. Offers extended drain intervals.

Suitable for:

Transmissions, wet brakes and hydraulic compartments that operate in wide temperature ranges, Cat machine compartments where TO-4 and TO-4M specification oils are recommended, other manufacturers' machines that recommend TO-4, TO-4M or OEM specification oils for their transmissions, final drives and wet brake compartments. Operators looking to reduce the number of fluids they carry on site, applications requiring a 10W or 30W oil (excludes engine crankcase applications).

KOMATSU MICRO CLUTCH • ZF TE-ML 03D • ALLISON C4 • CATERPILLAR TO-4

Product Code	Pack Size	Product Features
VATTDTO/C3B5L	5 Litre	• Semi Synthetic
VVATTDTO/P20L	20 Litre	• Consolidation
VATTDTO/D200L	200 Litre	



Agri STOU 10W40

Vertex Agri STOU 10W40 is a super high performance, synthetic, multifunctional, low-friction oil (STOU/ MFO) utilising synthetic technology. Can be used in various kinds of equipment (tractors, combines, seeding and harvesting equipment, sprayers and etc). The use of a single product type eliminates the risk of incorrect use when changing a lubricant.

Suitable for:

Agricultural engines, petrol and diesel, in light and heavy duty applications. Manual transmissions (including those calling for GL-4 and SAE 10W30/15W40). Hydraulic aggregates and final drives. Wet brake systems, and multi plate differentials. A wide variety of equipment requiring multi-functional lubrication performance. Euro-3, 4 and V engines with or without DPF and EGR. The choice of correct Viscosity Grade has to be taken in respect of OEM Recommendations and ambient temperatures.

DEUTZ DQC IV-10 • ACEA E7/E4 • API CI-4 • API GL-4 • MAN 3277 • MB 228.5 • AFNOR NFE 48603 HV • ALLISON C-4 • CASE MS 1207/9/10/30 • DIN 51524-3: HVLP (-D) • CNH MAT 3505/9/25/2 • FNHA 2C-200.00/201.00 • FORD M2C48-C3/M2C86-B/134-D/159-/C • New Holland 82009201/2/3 ZF TE-ML 06L/07B NH030C/330G/330H/410B/420/526C • John Deere JDM J 20 C • MF CMS M 1145

Product Code	Pack Size	Product Features
VASTOU14/P20L	20 Litre	• Semi Synthetic
VASTOU14/D200L	200 Litre	



Agri TDH 10W30

A new generation, high performance, premium quality lubricant intended for use as a multipurpose tractor transmission and hydraulic fluid. It is formulated from high quality mineral oils and an advanced additive system to achieve outstanding improvements in wet brake and power take off (PTO) chatter control as well as enhanced viscosity retention (shear stability) in field service.

Vertex Agri TDH 10W30 provides the following benefits: Minimises squawk and chatter in wet brake systems and PTOs. Reduces wear of gears, pumps and hydraulic valves. Provides efficient engagement of power take off clutches, thereby minimising wear. Long service life and freedom from sludges and deposits in severe applications. Excellent protection against rust and corrosion. Good low temperature performance, providing correct operation of hydraulic systems in cold weather.

Suitable for:

Cooling of oil bath disk brakes (wet brakes), lubrication of automatic transmissions, torque converters and hydrostatic transmissions, hydraulic systems and power-assisted steering in offroad machinery, lubrication of transmissions requiring a GL-4, 10W-30 or 80W level product, lubrication of PTO's with wet clutches.

Note: For maximum performance in cold/ arduous climates please use Vertex Agri Shift ULV.

John Deere JDM J20C/D • API GL-4 • MASSEY FERGUSON CMS M 1145/1143/1141/1135 • VOLVO CE WB 101 • ZF TE-ML 03E/05F/06K/17E • CNH MAT 3505/3509/3525 • CASE MS 1206/1207/1209 • ZNEW HOLLAND NH 410B/NH 410C • KUBOTA UDT • FORD M2C 134D/FHNA 2C 201.00 • ZMc CORMICK HTX • AGCO/ALLIS 821 XL

Product Code	Pack Size	Product Features
VAAGTDH13/C3B5L	5 Litre	• Mineral
VAAGTDH13/P20L	20 Litre	
VAAGTDH13/D200L	200 Litre	



Agri Power Train 10W

A mineral based Transmission and Drive Train Oil (TDTO) specially designed for hydraulic and hydrostatic systems, transmissions, wet brakes and hydraulic compartments that operate in wide temperature ranges. Where TO-4, TO-4M and OEM specification oils are recommended for their transmissions, final drives and wet brake compartments. Vertex Agri Power Train 10W provides the following benefits: Exceeds OEM frictional requirements and gear wear requirements. Good antiwear and extreme pressure properties. High oxidation stability.

Suitable for:

Creating great resistance to foam formation. Excellent protection against rust and corrosion. Compatible with sealant materials. Excellent load carrying capacity, preventing metal to metal contact. Improved Clutch Life of up to 45% over TO-2 fluids.

CAT TO-4 • Allison C-4 • Komatsu KES 07.868.1 • ZF Power Shift TE-ML 03C • Spicer Clark-Hurth Power Shift • Dana Power shift • Euclid • Terex • Dresser • Eaton/Vickers M-2950S/35VQ25 Hyd • Ford Type F construction applications

Product Code	Pack Size	Product Features
VAPTO1/C3B5L	5 Litre	• Mineral
VAPTO1/P20L	20 Litre	
VAPTO1/D200L	200 Litre	



Agri Power Train 30W

A mineral based Transmission and Drive Train Oil (TDTO) specially designed for transmissions, wet brakes and hydraulic compartments that operate in wide temperature ranges. Where TO-4, TO-4M and OEM specification oils are recommended for their transmissions, final drives and wet brake compartments. Vertex Agri Power Train 30W provides the following benefits: Exceeds OEM frictional requirements and gear wear requirements. Good antiwear and extreme pressure properties. High oxidation stability.

Suitable for:

Creating great resistance to foam formation. Excellent protection against rust and corrosion. Compatible with sealant materials. Excellent load carrying capacity, preventing metal to metal contact. Improved Clutch Life of up to 45% over TO-2 fluids.

CCAT TO-4 • Allison C-4 • Komatsu KES 07.868.1 • ZF Power Shift TE-ML 03C/07F Spicer Clark-Hurth Power Shift • Dana Power Shift • Euclid • Terex • Dresser Eaton/Fuller/Tremec/ TTC/Dana/Spicer manual transmissions

Product Code	Pack Size	Product Features
VAPTO3/C3B5L	5 Litre	• Mineral
VAPTO3/P20L	20 Litre	
VAPTO3/D200L	200 Litre	



Agri Power Train 50W

A mineral based Transmission and Drive Train Oil (TDTO) specially designed for transmissions, wet brakes and final drives of off road machinery. Use where TO-4, TO-4M, SAE 50 & OEM specification oils are recommended for use.

Vertex Agri Power Train 50W provides the following benefits: Exceeds OEM frictional requirements and gear wear requirements. Outstanding shear stability, viscosity retention and increased film strength.

Suitable for:

Reducing wear on gears, bearings, and clutches to give longer transmission life and less down time. Compatible with sealant materials. Excellent load carrying capacity, preventing metal to metal contact. Improved Clutch Life of up to 45% over TO-2 fluids. Perfect for heavily loaded applications in off road machinery. For extreme duty or elevated temperatures, use Agri Power Train 60W.

CAT TO-4 • Komatsu KES 07.868.1 • Euclid, Terex, Dresser Eaton/Fuller/Tremec/ TTC/Dana/ Spicer manual

Product Code	Pack Size	Product Features
VAPTO5/C3B5L	5 Litre	• Mineral
VAPTO5/P20L	20 Litre	
VAPTO5/D200L	200 Litre	



Agri Power Train 60W

Agri Power Train 60W is specifically designed for use in final drives and axles of Caterpillar off-road equipment operating in all types of service conditions where fluids meeting Cat FD-1 are recommended. Provides improved gear and bearing life in final drives and axles over previous TO-4 Fluid. This oil is designed to NOT develop friction coefficients for clutch and brake packs but just protect bearings and gears from failure. 4,000 hour drain intervals can be achieved in off highway machinery, reducing costly downtime. Able to be used in a wide range of ambient temperatures and protects against rust and oxidation in all climatic conditions.

Note: SHOULD NOT be used in engines, transmissions or hydraulic systems or in final drives and axles containing friction materials and/or wet brakes. May be used as a high performance replacement for SAE 50W fluids in final drive applications.

CAT TO-4 • CAT FD-1

Product Code	Pack Size	Product Features
VAPTO6/C3B5L	5 Litre	• Mineral
VAPTO6/P20L	20 Litre	
VAPTO6/D200L	200 Litre	



Agri STOU 15W40

Agri STOU 15W40 is a mineral super tractor oil designed for universal use in older machinery, agricultural engines, petrol and diesel, in light and heavy duty applications, manual transmission.. Hydraulic aggregates and final drives, wet brake systems, and multi plate differentials. A wide variety of equipment requiring multi-functional lubrication performance. Diesel Engines requiring an API CF/SL rated fluid.

API CF • ACEA E2 • API CF-4/SL • CMS M 1144/1145 • ZF TE-ML 06B/07B • MB 229.1

Product Code	Pack Size	Product Features
VVASTOU154/C3B5L	5 Litre	• Mineral
VASTOU154/P20L	20 Litre	
VASTOU154/D200L	200 Litre	



Agri STOU 10W30

Agri STOU 10W30 is a mineral super tractor oil designed for universal use in older machinery, agricultural engines, petrol and diesel, in light and heavy duty applications, manual transmission.. Hydraulic aggregates and final drives, wet brake systems, and multi plate differentials. A wide variety of equipment requiring multi-functional lubrication performance. Diesel Engines requiring an API CF/SL rated fluid.

API CF • ACEA E2 • API CF-4/SL • CMS M 1144/1145 • ZF TE-ML 06B/07B • MB 229.1

Product Code	Pack Size	Product Features
VVASTOU103/C3B5L	5 Litre	• Mineral
VASTOU103/P20L	20 Litre	
VASTOU103/D200L	200 Litre	



Agri Mono T2 10W

Vertex Agri Mono T2 10W is a premium mineral monograde oil. Whilst formulated in the engine oil classification of oils, it is designed for use in transmissions and hydraulic systems of offroad machinery. Vertex Agri Mono T2 10W provides the following benefits: Protection against wear and deposits. Formulated to reduce many types of wear and also reduce the build-up deposits so maintenance costs are controlled and unscheduled downtime is prevented. Excellent oxidation and thermal stability helping to maintain high temperature performance. The high temperature deposit control aids cleanliness during service life.

Suitable for:

Hydraulic systems that specify the use of a mono grade engine oil, transmissions that specify the use of a mono grade engine oil, caterpillar hydraulic systems where a minimum of 0.09 percent (900 ppm) of zinc additive is specified.

Note: Heavy duty applications requiring a monograde engine oil, it is recommended that you use a heavier grade (Agri Mono T2 30W).

Vickers 35VQ25 • API CF • ACEA E1/2 • CATERPILLAR TO-2 • MIL-L-2104E • ZF TE-ML 03B

Product Code	Pack Size	Product Features
VAAM1/C3B5L	5 Litre	• Mineral
VAAM1/P20L	20 Litre	
VAAM1/D200L	200 Litre	



Agri Mono T2 30W

Vertex Agri Mono T2 30W is a premium mineral monograde oil. Whilst formulated in the engine oil classification of oils, it is designed for use in transmissions and hydraulic systems of offroad machinery. Vertex Agri Mono T2 30W provides the following benefits: Protection against wear and deposits. Formulated to reduce many types of wear and also reduce the build-up deposits so maintenance costs are controlled and unscheduled downtime is prevented. Excellent oxidation and thermal stability helping to maintain high temperature performance. The high temperature deposit control aids cleanliness during service life.

Suitable for:

Hydraulic systems that specify the use of a mono grade engine oil, transmissions that specify the use of a mono grade engine oil, caterpillar hydraulic systems where a minimum of 0.09 percent (900 ppm) of zinc additive is specified.

Note: Detroit Diesel and Volvo Transmission applications requiring a monograde engine oil, it is recommended that you use Agri Mono T2 40W.

Vickers 35VQ25 • API CF/SJ • ACEA E1/2 • CATERPILLAR TO-2 • MIL-L-2104E ZF TE-ML 02C/04B • MTU TYPE 1

Product Code	Pack Size	Product Features
VAAM3/C3B5L	5 Litre	• Mineral
VAAM3/P20L	20 Litre	
VAAM3/D200L	200 Litre	

Industrial

// Synthetic // Mineral





Endurogear Syn SP 150, 220, 320

This range of oils are fully synthetic (PAO) extreme pressure gear lubricants designed to operate over a very wide range of temperatures and conditions.

Vertex Endurogear Syn SP protects equipment and extends life, minimises unexpected downtime and extends service periods. Has the ability to rapidly separate from water and prevent the formation of anti-lubricating emulsions. With the incorporation of special additives, Vertex Endurogear Syn SP protects equipment from rust, corrosion and foam. Reduces overall friction to increase efficiency in sliding mechanisms such as gearing, with potential for reduced power consumption and lower steady-state operating temperatures. Possesses high temp oxidation stability and low temp fluidity. Due to its extreme pressure additives, this product provides optimum protection against shock loading and offer high load carrying capabilities.

Suitable for:

Use in mechanical gear boxes, bevel, spur, helical and industrial hypoid gear cases, industrial bearings and gear sets, reduction gears, worm gears and speed variators, gears in semi-sealed casing. Ideal for bath, splash or circulation lubrication systems of heavy industrial gear cases found in mining, steel and manufacturing industries.

DIN 51517 Part 3 > group CLP • NF-ISO 6743-6 CKD • DAVID BROWN • AISI 224 - FLENDER CINCINNATI MILACRON • USINOR FT 161 • MÜLLER WEINGARTEN • AGMA 9005-E02

Product Code	Pack Size	Product Features
Endurogear Syn SP 150		
VIENDSY15/C3B5L	5 Litre	• Full Synthetic
VIENDSY15/P20L	20 Litre	• PAO
VIENDSY15/D200L	200 Litre	• Reduction Boxes
Endurogear Syn SP 220		
VIENDSY22/C3B5L	5 Litre	• Full Synthetic
VIENDSY22/P20L	20 Litre	• PAO
VIENDSY22/D200L	200 Litre	• Reduction Boxes
Endurogear Syn SP 320		
VIENDSY32/C3B5L	5 Litre	• Full Synthetic
VIENDSY32/P20L	20 Litre	• PAO
VIENDSY32/D200L	200 Litre	• Reduction Boxes



Endurogear Syn PG 220

At this range of oils are fully synthetic PAG (polyalkylene glycol) extreme pressure gear lubricants designed to operate over a very wide range of temperatures and conditions.

Vertex Endurogear Syn PG provides the following benefits: has a low coefficient of friction. This provides greater protection for non-ferrous parts, such as the bronze ring gear in worm gears systems, offering an energy saving of between 5 and 10% compared with a mineral oil. Vertex Endurogear Syn PG has excellent performance in terms of rust/ corrosion prevention, water separability and foam control to ensure problem-free operation in wide ranges of applications and reduced operating costs. Polyglycol gear oils such as this product, have excellent lubricity help to keep your gearbox clean of deposits due to their natural detergency and "clean-burning" tendency. Contains very high level corrosion protection (tested with sea and acidic water). This product should not be mixed with any other base fluids than PAG.

Suitable for:

Use in the following applications: Mechanical gear boxes. Bevel, spur, helical and industrial hypoid gear cases, industrial bearings and gear sets, applications in the presence of salt water and/ or sea air, reduction gears, worm gears and speed variators, gears in semi-sealed casing. Is ideal for bath, splash or circulation lubrication systems of heavy industrial gear cases found in mining, steel and manufacturing industries.

DIN 51517 Part 3 > group CLP • DAVID BROWN/CMDN • NF-ISO 6743-6 category CKDS/CKT

Product Code	Pack Size	Product Features
VIENDSY22/P20L	20 Litre	• Full Synthetic
VIENDSY22/D200L	200 Litre	• PAG



Endurogear SP 68, 100, 150, 220, 320, 460, 680

Vertex Endurogear SP range of oils are mineral extreme pressure gear lubricants designed to operate over a very wide range of temperatures and conditions. Available in a wide range of viscosities.

Vertex Endurogear SP provides the following benefits: Possesses excellent extreme pressure level to maintain an effective protective film under high pressure, good anti-wear properties, prevents pitting and reduces wear for extended service life. High thermal stability will minimise sludge formation under high temperature. Equipped with outstanding demulsification properties; this enables rapid water separation. Possesses superior anti-foaming properties to eliminate air entrainment and ensures optimum lubrication. Full compatibility with conventional elastomers used for sealing gear casing.

Suitable for:

Use in mechanical gear boxes, bevel, spur, helical and industrial hypoid gear cases, industrial bearings and gear sets, reduction gears, worm gears and speed variators. Gears in semi-sealed casing. Is ideal for bath, splash or circulation lubrication systems of heavy industrial gear cases found in mining, steel and manufacturing industries.

DIN 51517 Part 3 > group CLP • NF-ISO 6743-6 CKD • DAVID BROWN • AGMA 9005 -D94 • CINCINNATI FLENDERS • SEB 181226

Product Code	Pack Size	Product Features
Endurogear SP 100		
VIENDSP1/P20L	20 Litre	• Mineral
VIENDSP1/P20L	200 Litre	• Reduction Boxes
Endurogear SP 150		
VIENDSP15/D200L	5 Litre	• Mineral
VIENDSP15/P20L	20 Litre	• Reduction Boxes
VIENDSP15/D200L	200 Litre	
Endurogear SP 220		
VIENDSP22/C3B5L	5 Litre	• Mineral
VIENDSP22/P20L	20 Litre	• Reduction Boxes
VIENDSP22/D200L	200 Litre	
Endurogear SP 320		
VIENDSP32/C3B5L	5 Litre	• Mineral
VIENDSP32/P20L	20 Litre	• Reduction Boxes
VIENDSP32/D200L	200 Litre	
Endurogear SP 460		
VIENDSP46/D200L	20 Litre	• Mineral
VIENDSP46/D200L	200 Litre	• Reduction Boxes
Endurogear SP 680		
VIENDSP68/D200L	20 Litre	• Mineral
VIENDSP68/D200L	200 Litre	• Reduction Boxes

Our Products

LUBRICANTS

OEM, Engine Oils, Transmission Oils, Hydraulic Oils, Motorcycle Oils, Power Train Oils, Marine Lubricants, Industrial Oils, Biodegradable, Foodgrade & Environmentally Responsible Fluids.

GREASE

OEM, High Speed, Low Speed, Water Proof, Wire Rope, Moly, High Temp, Foodgrade, Biodegradable, NLGI 000-3.

COOLANTS

OEM, Long Life, Super Long Life, Propylene Glycol, Mono Ethylene Glycol, Si-OAT, NAPS Free, Glysantin.

CHEMICALS

Degreasers, Detergents, Aerosols, Non Flammable, Non Toxic, Water Based, Biodegradable, Electrical Cleaners, Paints.

ADBLUE

OEM, VDA Approved, Manufactured to ISO22241, IBC's, 205L, 20L, 5L.

FLEET PLANT LUBRICATION AUDITS

Product Rationalisation, Fuel Savings, OEM Compliance, Fit for use analysis.

FLEET PLANT LUBRICATION SURVEYS

Drain Interval Optimisation, Contamination Control, Fluid Handling Best Practices, HSSE Compliance, Fleet Lubrication Lists.

LUBRICATION EQUIPMENT

Oil and Grease Pumping Equipment, Bulk Storage Tanks, Waste Oil Tanks, Fluid Monitoring Systems, Hose Reels, Dispensing Hand Pieces, Consumables.

FLUID CONDITION MONITORING

Oil Analysis, Oil Analysis Interpretation, Wear Trending, Contamination Control, Lifespan Expansion of Plant.

IN HOUSE SPECIALISTS

Oil Analysis Engineer, Lubrication Design and Fabrication Engineer, Fluid Transfer Technicians.





Oils // Grease // Coolant // Chemicals

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