



TEXACO

DELO[®] DURABILITY FOR TRUCKS & BUSES



Delo[®]
Let's go further.®

WELCOME TO TEXACO® DELO® PRODUCTS

Keeping you on the road is part of our business. Making the most of your investment is yours. At Chevron, we understand just how critical both of these are to your operation and livelihood.

Thank you for the opportunity to let us introduce you to the Delo product line, providing bumper-to-bumper protection.

We'll share why Delo with ISOSYN® Technology helps provide the world-class protection customers need to be confident they are maximising vehicle productivity and minimising operating costs.

You'll also see how Delo can help maximise fuel economy, how it compares to competitive products in testing and what our customers are saying about the value Delo contributes to their business and bottom line.

We consider this guide to be an introduction. We look forward to learning more about the needs of your vehicles and how Delo products can help you and your business go further.

DELO®: A HISTORY OF FIRSTS



1936

Marketed first compounded diesel engine oil making high speed diesel engines feasible



1953

First in world to develop successful multigrade engine oil



1989

First to document million mile, no overhaul engine life in Caterpillar 3406B



1998

First heavy duty engine oil to meet the API CH-4, Cummins CES 20076 and Mack EO-M Plus extended drain specifications



2013

Chevron receives SAE research award for 'Extending the Boundaries of Diesel Particulate Filter Maintenance with Ultra-Low Ash - Zero-Phosphorus Oil'



2014

Launched first low emission oil (API CJ-4) formulated to protect diesel engines using up to 5,000ppm diesel fuel sulphur levels

Delo family of products.

Helping you achieve optimum performance out of every mile by delivering extended service protection, helping maximise engine durability and minimise operating cost.



LET'S GO FURTHER WITH TEXACO® DELO®

When your heavy duty vehicles are in motion, your business is driving profits. At Chevron, our goal is to give you the confidence to safely push engines further to help minimise operating costs and maximise performance. As your lubrication partner, we strive to keep your fleet highly competitive and your costs well in line.

We understand the challenges facing the transport industry today:

- New engine technology development
- Fuel economy improvement
- Reduction of vehicle carbon and emission footprints
- Extending drain intervals
- Government regulations
- Emission standards
- Multiple fuel performance items (diesel, biodiesel, dual fuel and natural gas).

Count on Chevron's industry experience, technology leadership and the Delo family of premium products to stay ahead of these challenges and help protect and maximise the life of your key equipment and vehicles.



Reliability and durability are our priority

Chevron lubricants stand for one thing above all else – reliability. Properly lubricating the inside of a heavy duty diesel engine requires more than just creating a protective film. Delo heavy duty engine oils provide soot dispersancy, wear protection and sludge control, to guard against loss of engine life and help reduce fuel and oil consumption.

Additionally, the Delo family of products deliver integrity and performance as proven by various bench testing results. Delo's industry-leading lubricants have logged countless hours providing protection to diesel engine parts, so your heavy duty vehicle can go further.



Delo® with ISOSYN® Technology gives you the performance, protection and confidence you need to help your business go further.

What is ISOSYN?

ISOSYN Technology is how Chevron formulates its top-tier Delo products. It's the combination of premium base oils with high performance additives and Chevron's formulation expertise that provides protection for diesel engine parts. All at great value.

Delo with ISOSYN Technology gives you the performance, protection and confidence you need to help your business go further.

- Provides extended service protection
- Helps maximise engine durability
- Helps minimise operating costs.



=

Premium base oils

+

High performance additives

+

Chevron formulated expertise

Focused parts protection

Delo with ISOSYN Technology protects critical engine parts to help maximise engine and equipment life.



HEAVY DUTY ENGINE OILS

PROVIDING WORLD-CLASS PROTECTION



Helping your equipment and business go further, we have the proven lubrication products to fit your needs.

Delo® oils are formulated to provide diesel engine parts protection and performance in a wide range of operating conditions. For decades, Delo has been committed to helping your vital engine parts and your business operate efficiently. Our renowned Delo 400 heavy duty engine oils exceed industry and most engine manufacturers' performance requirements.

Delo 400 XSP-FA SAE 5W-30	NEW
Long-drain FA-4, SN low SAPS engine oil for newer engines, with some fuel economy benefits	
<ul style="list-style-type: none">Helps improve fuel economy by up to 1.3%Offers good keep-clean performancePromotes cylinder, piston and valve train wear protectionContributes to maximum vehicle service lifeAids emissions control system service lifeLow temperature flow and pumpability	
Delo 400 XLE HD SAE 5W-30	
Long-drain E6/E9 low SAPS engine oil with optimum fuel economy performance*	
<ul style="list-style-type: none">Wide range of on-road, off-road and construction applicationsReduced inventory complexity and costLow SAPS Euro VI technologyKeep-clean engine protectionLong DPF service lifeExtended drain intervals	
Delo 400 XLE SAE 10W-30	
Long-drain E6/E9, CK-4 low SAPS engine oil with some fuel economy benefits	
<ul style="list-style-type: none">Designed for high performance oxidation resistancePromotes wear and corrosion protectionHelps improve fuel economyBackwards compatibleFormulated for optimum DPF lifeOffers low temperature protection	
Delo 400 XLE HD SAE 10W-40	
Long-drain E6/E9 low SAPS engine oil	
<ul style="list-style-type: none">Suitability for a wide range of OEM applications helps reduce inventoriesHelps keep piston rings, piston lands and valves cleanOffers latest technology engine protectionFormulated to reduce emission control system maintenanceDesigned for extended oil drain intervalsPromotes good cold start wear protection	
Delo 400 LE Synthetic SAE 5W-40	NEW
Heavy-duty synthetic E7/E9 diesel engine oil	
<ul style="list-style-type: none">Formulated for protection in latest ULSD diesel enginesDesigned with low SAPS technologyHelps protect against wear, corrosion, deposits and sootSuitable for mixed fleetsPromotes cold start wear protectionOffers wide temperature operations	

Delo 400 SP SAE 5W-30
Long-drain E6 low SAPS engine oil with optimum fuel economy performance*
<ul style="list-style-type: none">Formulated for protection in latest ULSD diesel enginesDesigned with low SAPS technologyHelps protect against wear, corrosion, deposits and sootSuitable for mixed fleetsPromotes cold start wear protectionOffers wide temperature operations
Delo 400 RDE SAE 10W-30
Long-drain E6 low SAPS engine oil with some fuel economy benefits
<ul style="list-style-type: none">Maximum uptimeEmissions system protectionKeep-clean performanceReduced fleet operating costsSuitable for a wide range of vehicles
Delo 400 RDS SAE 10W-40
Long-drain E6 low SAPS engine oil
<ul style="list-style-type: none">Maximum uptimeEmissions system protectionKeep-clean performanceReduced fleet operating costsSuitable for a wide range of vehicles
Delo Gold Ultra S SAE 10W-40
Scania LDF-3 approved engine oil
<ul style="list-style-type: none">Suitable for Scania Euro VI and backwards compatibility from Euro VI to Euro IISuitable for use in trans-continental fleet operationsHigh performance TBN retentionRobust deposit controlPromotes cold start protection and fuel economy
Delo 400 MGX SAE 15W-40
Low SAPS CJ-4, E9/E7 engine oil with strong TBN retention, for use in high and low sulphur fuel regions
<ul style="list-style-type: none">Wide range of uses helps minimise misapplicationReduces large oil inventories and costsHelps control soot and valve train wearDesigned for optimum service with minimal maintenanceFormulated to aid DPF service life
Delo Gold Ultra E SAE 10W-40
CI-4, E7 engine oil
Delo Gold Ultra E SAE 15W-40
CI-4, E7 engine oil
Delo Gold Ultra T SAE 10W-40
Long-drain E4/E7 engine oil

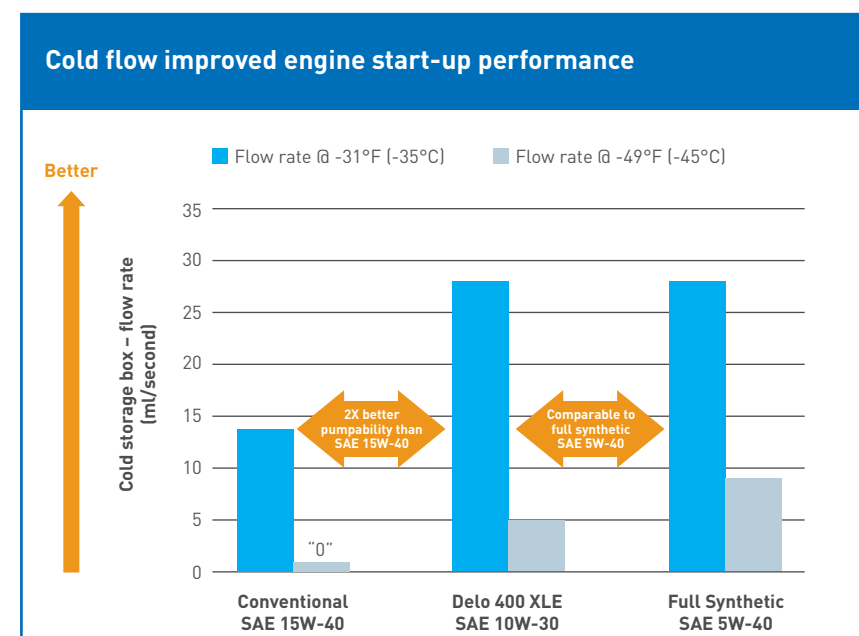
* Relative to conventional 15W-40 engine oil. Actual fuel economy improvement is dependent on vehicle/equipment type, outside temperature, driving conditions and your current fluid viscosity.

HEAVY DUTY ENGINE OILS WITH PROVEN PERFORMANCE RESULTS

Robust real world testing

Your on-road trucks and vehicles put heavy duty engine oils to the test everyday from stop-and-go city driving to long hauls under extreme conditions. Delo® goes further to prove its value across your fleet.

In tests, Delo products showed superior performance at resisting oxidation compared to competitors.



Cold temperature performance – flow

Tested in cold temperature conditions against both SAE 15W-40 and full-synthetic SAE 5W-40 diesel engine oils, Delo 400 XLE SAE 10W-30 has shown very good pumpability versus a SAE 15W-40 and very comparable performance versus full-synthetic SAE 5W-40 diesel engine oils.



Wear performance test

In tests, Delo 400 XLE HD SAE 5W-30 showed wear performance of a level comparable to 10W-40 oils and significantly better than the test limits.



We're delighted with the performance of the Delo® 400 with ISOSYN® Technology. This engine could do another million miles.

James McGeehan
Senior Consulting Scientist,
Chevron Lubricants

R.E. West Transportation truck using Delo lubricants still in great condition, with minimal wear, even after 1.5 million miles

A family business, based in Nashville, Tennessee, R.E. West Transportation is a nationally recognised carrier with a fleet of trucks and trailers operating throughout the United States and Canada. The company has depended on Delo lubricants and coolants for years and the protection provided by Delo products allows their fleet to regularly achieve high mileage.

Owner, R.E. "Bob" West had been sharing the legend of a truck running a Detroit Diesel engine with 1.5 million miles on it without an overhaul. So a team including the company's own mechanics and those from maintenance provider Clarke Power Services in Nashville, tore down the 1.5 million mile Series 60 engine for an extensive, three-day inspection. "Thanks to the protection provided by Delo, the engine appeared to be a fraction of its true age", explained Jenny West, R.E. West's Chief Financial Officer.

Speaking of the protection that Delo products offer, Steve McCluskey, customer support manager for the local OE dealer that R.E. West utilises, also added: "We rebuild 800-plus engines in this shop each year. We see various occurrences of wear on pistons, bearings...several different items on the engine, and this engine with 1.5 million [miles] on it...you can tell that it's really holding up using Delo oil."

Piston

Shows minimal deposit formation with ring lands clear of hard deposits, ensuring no ring sticking.



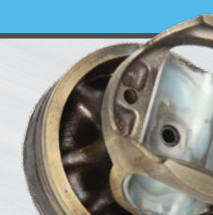
Piston liner exterior

Shows no liner pitting or harmful scale buildup using Delo XLC after 1.5 million miles.



Piston under-crown

Shows minimal wear and no build-up of harmful carbon deposits.



Rocker arms

Bronze bushings are in good condition and no harmful deposits on the arms or actuators.



The parts coming out of this engine had minimal wear and looked really good. Once we get this rebuild done, we're putting the truck back on the road, and we believe this truck will go another million plus miles.

Jenny West
Chief Financial Officer, R.E. West Transportation

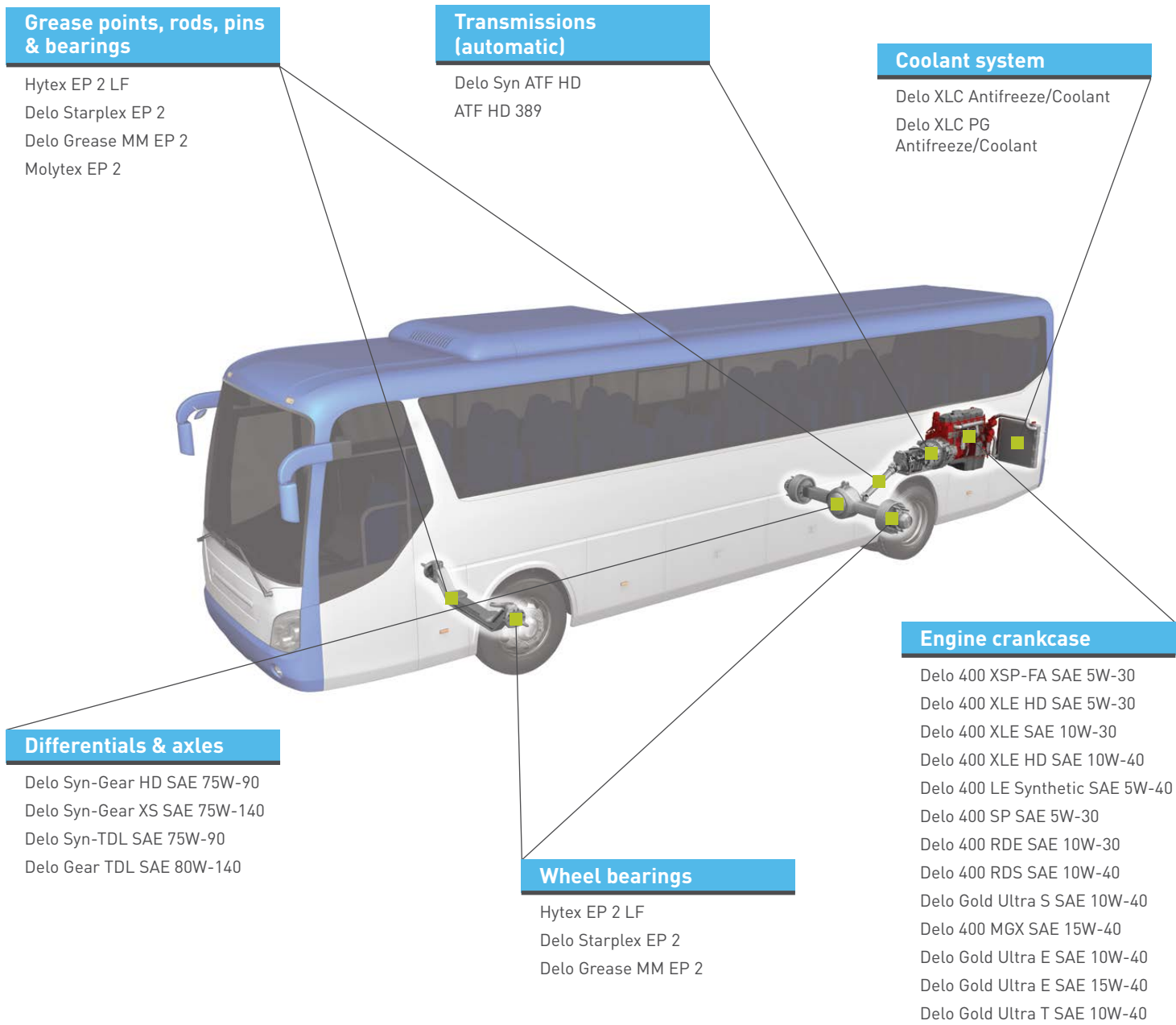
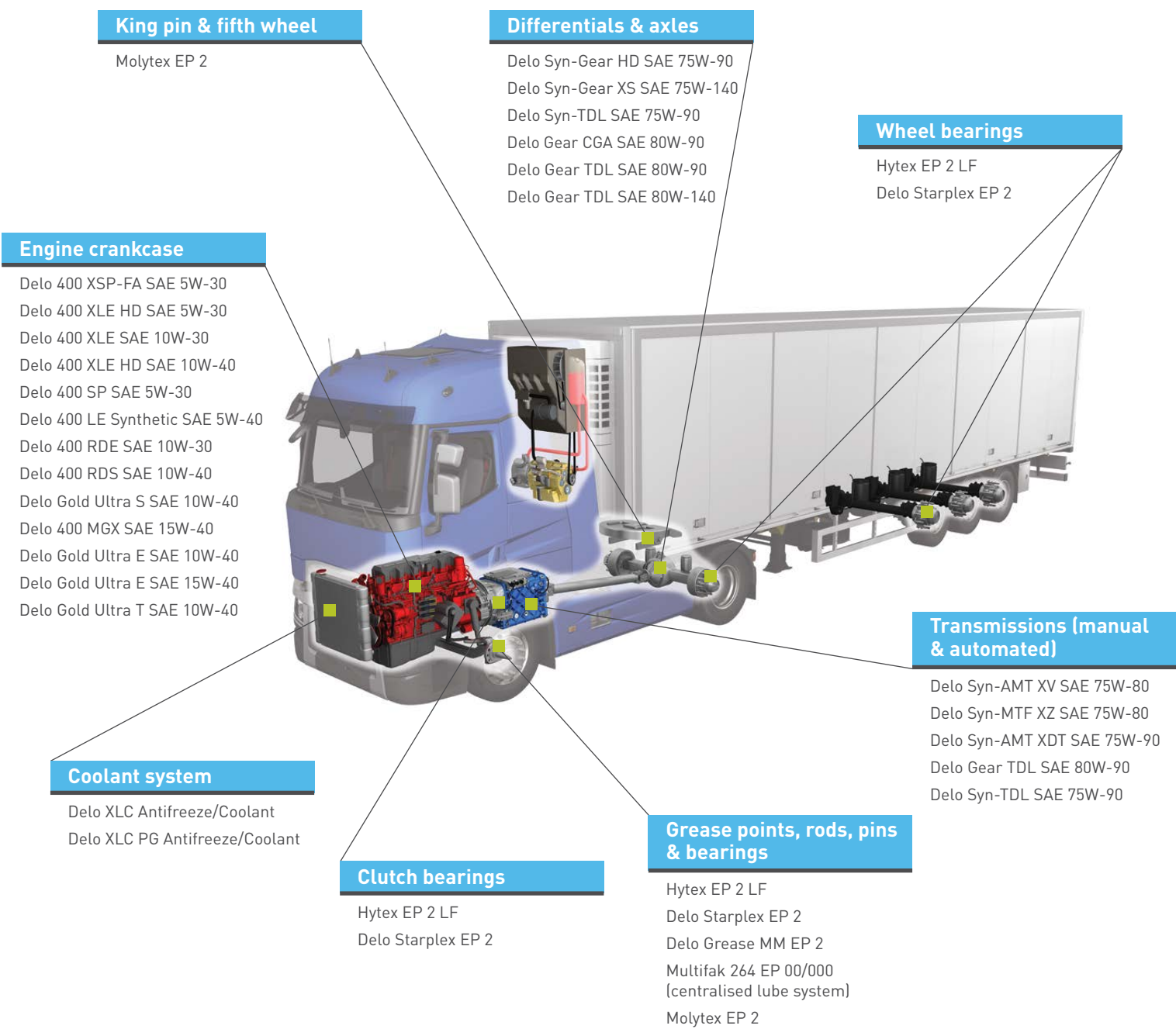
PROTECTING YOUR VEHICLES, BUMPER-TO-BUMPER

Delo® heavy duty engine oils, gear oils, transmission fluids and extended life coolants are specially formulated to meet the intense demands your vehicles face.

Choosing the proven performance of Delo quality lubricants can help maximise your fuel efficiency. That could mean a higher return on investments, mile after mile.

At Chevron, we have a history of heavily investing in research and development to ensure your vehicles and equipment get the utmost protection from bumper-to-bumper. We're so confident about the quality of Delo® products, that we offer a bumper-to-bumper warranty you may not find from other manufacturers.

For a full list of product recommendations for your vehicle, visit:
chevron-eu.lubricantadvisor.com



COOLANTS THAT CONTRIBUTE TO LONG ENGINE LIFE

The heavy working diesel engines in trucks, buses, coaches and other highway service vehicles produce an enormous amount of heat and require good cooling system protection and maintenance.

Keeping your engines operating efficiently requires a high performing, extended life coolant – plus a good coolant maintenance programme. Delo® XLC Antifreeze/Coolant has a proven track record for high performance.

Delo XLC delivers optimum engine performance and simplifies the way cooling systems are maintained. Our patented corrosion inhibitors help maximise hardware parts performance and heat transfer over the life of your engine. That's protection that has stood the test of time and millions of on-road miles.

Compared to conventional coolants, Delo XLC products can help minimise operation costs and maximise your engine life.

Keep your cool as you go further

Properly maintaining your cooling system is easy with these steps:

- Use Delo XLC Antifreeze/Coolant for top off
- Do a regular visual inspection for signs of contamination
- Run a biannual check for freeze point.



After 16,000 hours of operation in our trash trucks – Delo XLC has protected our liners against pitting and rust – the outside of our piston liners look brand new.

David Achiro
Owner, Tahoe Truckee
Sierra Disposal

GEAR LUBRICANTS AND TRANSMISSION FLUIDS FOR EXTREME DRIVELINE PROTECTION

We know that maintenance of your vehicles is a critical job. Protecting transmissions and differentials is just as important as engine components.

Our full line of premium Delo® gear lubricants and transmission fluids are formulated to help these key drive train components perform reliably and minimise expensive downtime.

Delo XLC Antifreeze/Coolant Concentrate, Premixed 50/50, Premixed 40/60
Extended life antifreeze/coolants <ul style="list-style-type: none"> ■ Formulated for long, low maintenance service life ■ Offers over 650,000 km in trucks and buses ■ Promotes reliability and corrosion protection ■ Contributes to reliable hard water stability ■ Aids high temperature corrosion protection
Delo XLC PG Antifreeze/Coolant Concentrate
Extended life Propylene Glycol antifreeze/coolant <ul style="list-style-type: none"> ■ Offers extended low maintenance service life ■ Mixed fleet applications ■ Promotes component protection and reliability ■ Phosphate-free water stability ■ Aids high temperature aluminium corrosion protection
Delo XLI Corrosion Inhibitor Concentrate
Extended life corrosion inhibitor

Delo Syn-Gear HD SAE 75W-90	
Synthetic automotive gear oil <ul style="list-style-type: none"> ■ Long-drain capability of 400,000 km ■ Wide temperature range component protection ■ Effective wear and corrosion resistance ■ Proven 3% fuel economy when used with Delo Syn-AMT XV SAE 75W-80 	
Delo Syn-Gear XS SAE 75W-140	
Fully synthetic automotive gear oil <ul style="list-style-type: none"> ■ Designed to offer long-drain capabilities ■ Improved fuel economy ■ Promotes protection against scuffing and wear ■ Offers rapid system protection during cold starts 	
Delo Syn-AMT XV SAE 75W-80	
Fully synthetic transmission fluid <ul style="list-style-type: none"> ■ Designed for 450,000 km long-drain capability ■ Formulated for smooth shifting ■ Designed for both cold start and consistent high temperature protection ■ Offers improved fuel economy 	
Delo Syn-MTF XZ SAE 75W-80	
Synthetic manual transmission fluid <ul style="list-style-type: none"> ■ Up to 450,000 km drain intervals ■ Smooth shifting performance ■ Long fluid service life ■ High temperature protection 	
Delo Syn-TDL SAE 75W-90	
Volvo 97312 approved Total Driveline lubricant <ul style="list-style-type: none"> ■ Suitable for many synchronised manual transmissions and final drives ■ Long-drain capability ■ Provides reliable EP protection and wear resistance ■ Offers rapid oil circulation during cold start-up 	
Delo Syn-Gear XPD SAE 75W-85	Delo Gear CGA SAE 80W-90
Low viscosity synthetic gear oil with optimum fuel economy performance	Extended drain gear oil for heavy duty final drives and differentials
Delo Syn-AMT XDT SAE 75W-90	Delo Syn ATF HD
Fully synthetic transmission fluid for Mercedes PowerShift heavy duty automated manual transmission systems	Fully synthetic automatic transmission fluid
ATF HD 389	Delo Gear TDL SAE 80W-90, 80W-140
Allison TES-389 approved automatic transmission fluid	Total Driveline lubricants

PRODUCTS TO HELP MAXIMISE FUEL ECONOMY

Delo® can help save on fuel.

On average, 40% of a fleet’s operating cost is fuel. There are many things you can do to improve fuel economy. A great place to start maximising fuel efficiency is with your choice of engine oil. That’s where Delo premium quality engine oil formulated with ISOSYN® Technology can help your business go further.

By switching to Delo fuel economy products, you could see up to 4.5% fuel economy improvement compared to higher viscosity grades. Multiply these savings by a hundred or more vehicles in a fleet, and the results are impressive.

Many factors contribute to fuel savings

Lower viscosity oils can play a part in improving fuel economy. Other factors to consider:

- Speed
- Engine idling
- Fuel efficient tyres
- Vehicle aerodynamics.

Remember that along with fuel economy, Delo products can help promote durability and extended service protection too.

Engine oils
<ul style="list-style-type: none"> ▪ Delo 400 XLE HD SAE 5W-30 ▪ Delo 400 SP SAE 5W-30 ▪ Delo 400 XLE SAE 10W-30 ▪ Delo 400 RDE SAE 10W-30
Coolant
<ul style="list-style-type: none"> ▪ Delo XLC Antifreeze/Coolant
Transmission fluids
<ul style="list-style-type: none"> ▪ Delo Syn-AMT XV SAE 75W-80 ▪ Delo Syn-MTF XZ SAE 75W-80
Axle oils
<ul style="list-style-type: none"> ▪ Delo Syn-Gear HD SAE 75W-90 ▪ Delo Syn-TDL SAE 75W-90

Visit texacodelo.com to find out more and try our exclusive new Delo Fuel Economy Calculator to learn how much your business could save on fuel costs.

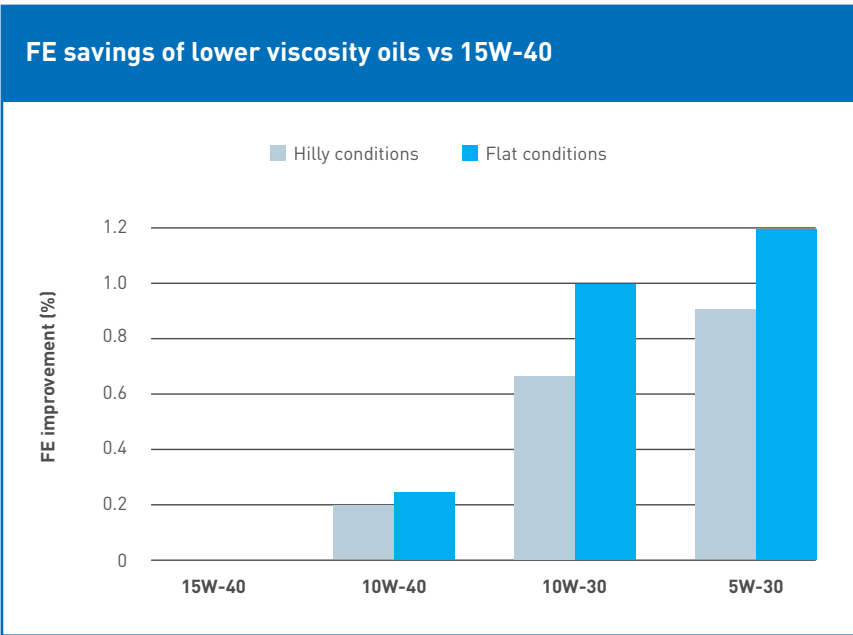




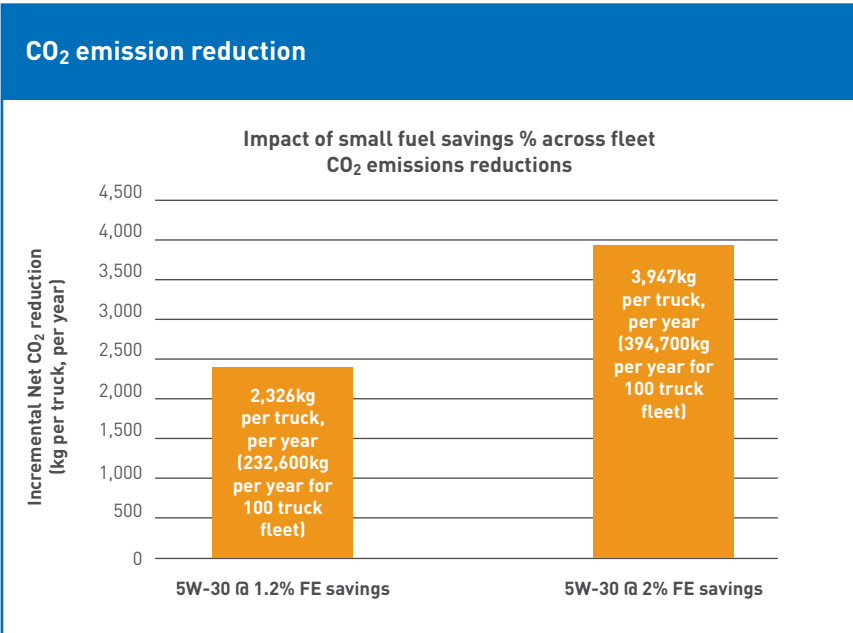
WHAT WOULD YOU DO WITH YOUR FUEL SAVINGS?

Sustained fuel economy

In tests, lower viscosity oils showed a significant improvement in fuel economy, which is directly linked to a reduction in CO₂ emissions. Volatility and resistance to thickening also remained within ACEA limits, ensuring that FE performance was maintained throughout the oil drain period and the need for top-up was limited.



Volvo D12D test
10W-30 and 5W-30 grade oils showed significant fuel economy improvement, based on driving conditions, when compared with 10W-40 and 15W-40 grades in Volvo D12D test.



Impact of small fuel savings % across fleet CO₂ emissions reductions
Testing commissioned by Chevron in the United States, following SAE J1321 test standards and measurement protocols. Figures based on US Environmental Protection Agency (EPA) standards.

GREASES PROVIDING SMOOTH OPERATION OF CRITICAL PARTS

To help your truck, bus, coach or vehicle go further, it's important that every part operates smoothly. Our Texaco® premium grease products are formulated to provide high performance and long-life protection, across a range of operating conditions.

Delo® greases are designed to protect key greased vehicle components in adverse climates and tough operating environments.

Hytex EP 2 LF	
Long-service multi-purpose lithium complex grease	
<ul style="list-style-type: none">Long-term (lifetime) lubrication performanceLaboratory and field-proven	<ul style="list-style-type: none">Wide temperature protectionContributes to wear, rust, corrosion and oxidation resistance
Delo Starplex EP 2	
Multi-purpose lithium complex grease	
<ul style="list-style-type: none">High thermal resistanceAids long-term wear, corrosion and oxidation protection	<ul style="list-style-type: none">Mechanically stableHelps protect against dust, dirt and water ingress
Delo Grease MM EP 2	
Extreme pressure multi-purpose lithium grease	
<ul style="list-style-type: none">Formulated for reliable mechanical stabilityOffers EP protection to bearings	<ul style="list-style-type: none">Designed for wet and dry environmentsHelps protect in a range of applications
Texclad 2	
Calcium grease containing Molybdenum Disulphide (MoS ₂) and Graphite	
Multifak 264 EP 00/000	
Lithium grease for centralised lubricating systems	
Molytex EP 2	
Multi-purpose heavy duty EP lithium grease containing Molybdenum Disulphide (MoS ₂)	



WE'RE WITH YOU FOR THE LONG HAUL

Your vehicles are put to the task every day to keep moving and stay profitable. It's a challenging business and we're here for you, offering industry knowledge, high quality products and customised services to keep you moving forward.

LubeWatch® used oil analysis

Chevron's premier programme incorporates standardised lubricant sampling and unique online tools to help ensure optimised equipment drain intervals and performance checks to ensure long equipment life.

LubeWatch®
Oil Analysis Program

Coolant maintenance kit

This kit helps ensure long life coolant system protection. It provides easy-to-use tools to monitor optimal coolant life along with incorporating helpful coolant knowledge information.



INDUSTRY LEADING PRODUCTS APPROVED BY THE WORLD'S LEADING MANUFACTURERS

Our strong technical relationships with all the Original Equipment Manufacturers (OEMs), along with our extensive industry knowledge and technological expertise, come together to provide products that carry the necessary approval credentials to support your business.

Our engine oils are tested to meet the intense performance demands facing your vehicle. We don't just meet the approval criteria, we exceed them. From the stop and start driving conditions of the city, to travel over long distances in difficult climatic conditions, you can count on the performance of Delo®.

Our specification profiles cover the requirements of:

- Cummins
- DAF
- Iveco
- MAN
- Mercedes-Benz
- Renault Trucks
- Scania
- Volvo.



**To find out more about how our products and services
can assist you, contact your Texaco® Representative, your
Authorised Texaco Distributor or visit texacodelo.com**

Protection from bumper-to-bumper. That's the plus that comes with Delo®.

At Chevron you could say R&D is in our DNA. We are constantly striving to improve the way our Delo family of products protect and perform. We stand with confidence behind our lubrication products with a bold bumper-to-bumper warranty you won't find from most manufacturers.

texacodelo.com



The products featured are shortlisted. There is a full suite of Texaco® products that can tailor to customers' needs. Not all products featured are available in your market. Check with your local Texaco sales representative to find out more. Always check OEM requirements when making changes and utilise used oil analysis for extended oil drain intervals.

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