



# FOR COMMERCIAL ON-HIGHWAY HEAVY-DUTY PROTECTION...CHOOSE DELO®



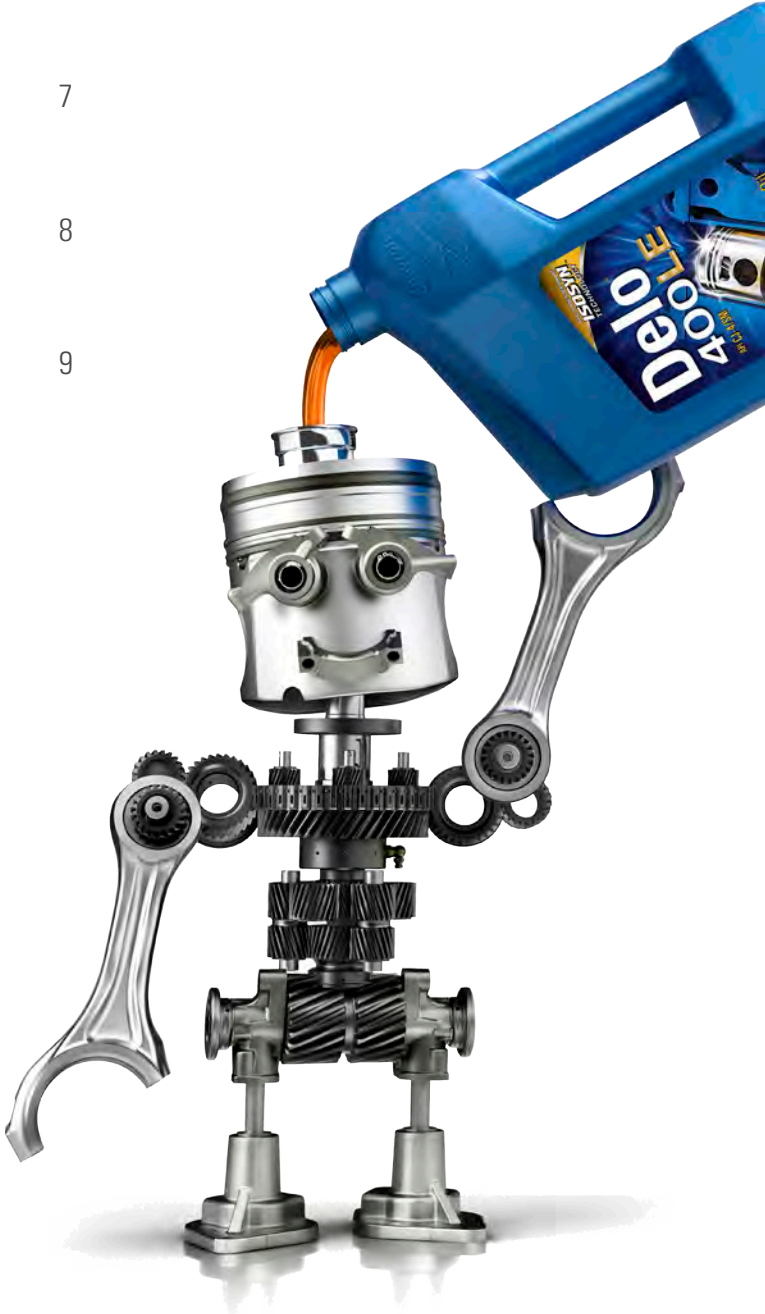
**DELO® DELIVERS CONFIDENCE™**



**Delo®**

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## DELO® DELIVERS CONFIDENCE™

You know the facts. Routine driving conditions for the average truck or bus fleet are anything but routine or average. The Delo family of products delivers the lubrication technology that your fleet needs to withstand even the most rigorous operating conditions. You can have complete confidence, knowing that Delo provides only premium quality products that meet or exceed the lubrication and cooling requirements of your fleet.

## IT'S ALL ABOUT PROTECTION

It is not easy to keep up with new maintenance requirements that come with each new generation of engines. The lubrication and cooling requirements of commercial vehicles are constantly changing. You can count on Chevron to stay ahead of equipment manufacturers' recommendations, making sure that you are supplied at all times with cutting-edge technology to protect and extend the life of your fleet. Behind all Delo products stand knowledgeable professionals with the expertise to help you understand how lubricants and coolants can affect your business success.

### Featuring ISOSYN® Technology

Delo products formulated with ISOSYN® Technology can provide performance that rivals synthetics in critical tests, at a greater value — a real benefit that sets Delo apart in customers' minds. It's more than Chevron's industry leading premium base oil technology. It's a unique combination of our base oil technology and advanced additive systems that give Delo customers a performance advantage.



Delo with ISOSYN® Technology rivals synthetic performance that:

- Provides Extended Service Protection
- Maximizes Engine Durability
- Minimizes Operating Costs

### THE DELO® PERFORMANCE ADVANTAGE™

We can provide you with the right products and services to help manage your maintenance costs and help maximize your profitability. *The Delo® Performance Advantage™* is the value that we can bring to your business to help you be successful. By understanding your business and the uncertainties you face, and utilizing our knowledge leadership position, we can help you determine the right products and services to manage your maintenance costs and help maximize your profitability. Some of the largest, most sophisticated fleets in the world have put their trust and confidence in *The Delo® Performance Advantage™* and so should you.

The Delo line of premium lubricants and coolants offers you bumper-to-bumper protection that can help provide you with such benefits as:

- Optimal fluid drains and service intervals
- Low repair costs
- Minimal downtime
- Outstanding reliability
- Long engine and equipment life

To learn more about how *The Delo® Performance Advantage™* can bring value to your business and help you achieve success, visit us at [www.deloperformance.com](http://www.deloperformance.com).



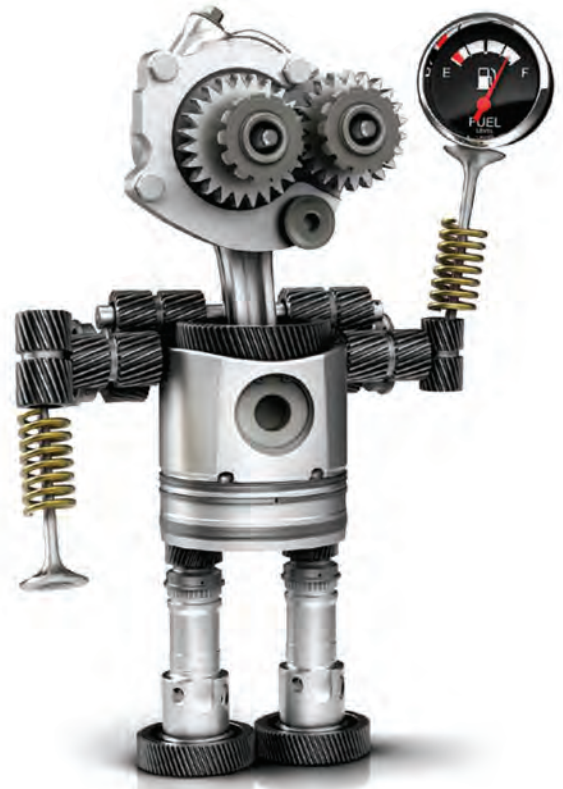
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## ENGINE OILS

Properly lubricating the inside of a heavy-duty engine requires more than just creating a protective film. Quality heavy-duty engine oils must provide excellent soot dispersancy, wear protection and sludge control to maximize engine life and to help minimize fuel and oil consumption. Delo-branded engine oils do just that...and more.

Delo® 400 LE engine oils are your best choice for new 2007 Exhaust Gas Recirculation (EGR) engines, upcoming 2010 EGR/Selective Catalyst Reduction (SCR) engines and pre-2007 engines. Delo 400 LE meets all of the leading major OEM requirements in addition to exceeding the industry standard, API CJ-4.

Delo 400 LE engine oils are designed to minimize ash deposits for longer Diesel Particulate Filter (DPF) service intervals.



### Biodiesel Compatibility

As biodiesel becomes more readily available, there are concerns about their impact on engine performance and durability. Delo 400 LE engine oils and the Delo® family of products are your best choice when using biodiesel, as biodiesel increases demands on your engine oil. Please be sure to follow these recommendations:

- First and foremost, follow your engine builder's recommendations regarding the use of biodiesel and biodiesel blends
- Only use BQ 9000 certified manufacturers and suppliers of biodiesel
- Demand that B100 meets ASTM D6751-08 and mineral diesel meets ASTM D975-08a. Blends of B6 to B20 need to meet ASTM D7467-08
- Rotate product often – 6 month maximum storage life for biodiesel and biodiesel blends

- Maintain good housekeeping, biodiesel is hydroscopic (likes water) and can clean deposits from fuel lines and tanks, leading to plugged filters
- Conduct used oil analysis with particular emphasis on TAN, TBN, Pb, wear metal levels, fuel dilution and biodiesel fuel dilution

### **Delo® 400 LE SAE 15W-40, 10W-30**

Delo 400 LE are API CJ-4 oils that meet the requirements of 2007 and newer heavy-duty engines and protect older engines. Delo 400 LE is formulated to be compatible with exhaust after-treatment devices. Delo 400 LE is backward compatible and may be used in older, diesel and gasoline engines, where appropriate API specification and viscosity grade are recommended.

Delo 400 LE is formulated with ISOSYN® technology. ISOSYN® technology combines highly refined base stocks with advanced additive technology to rival synthetic performance in critical engine tests.

Delo 400 LE SAE 15W-40 has been specifically designed to meet the demands of EGR and SCR engines while at the same time providing exceptional performance in conventional engines and other engine technologies like Caterpillar ACERT™ and Cummins.

SAE 15W-40 is the most recommended OEM viscosity grade for over-the-road diesel engines. For generations, Delo 400 SAE 15W-40 engine oil has logged billions of miles in all types of service, in engines from all engine manufacturers, and is the choice of some of the largest fleets in North America.

SAE 10W-30 is a lighter viscosity grade if you are looking for an engine oil to help your efforts at maximizing fuel economy, and your OEM allows an SAE 10W-30 viscosity grade. In recent bench tests and customer tests, Delo 400 LE SAE 10W-30 has demonstrated excellent engine wear protection and durability with the potential for maximizing fuel economy.



### **Delo® 400 LE Synthetic SAE 5W-40 Engine Oil**

Delo 400 LE Synthetic SAE 5W-40 is a mixed-fleet motor oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and fourstroke gasoline engines in which the API CJ-4 or API SM service categories and SAE 5W-40 viscosity grades are recommended. It is formulated for engines operating under severe service and a wide range of climatic conditions.

Delo 400 LE Synthetic SAE 5W-40 is a 100% synthetic engine oil which exceeds industry and engine manufacturers' performance requirements.

Promotes consistent cold engine starting. Optimal for gasoline and diesel engines operating in sub-zero temperature.

## TRANSMISSION FLUIDS

Delo<sup>®</sup> Transmission Fluids do the hard work! They effectively protect bearings and gear teeth from wear; cool transmission components and maintain critical frictional properties under a wide range of operating temperatures and extreme conditions.

### Delo<sup>®</sup> Synthetic Transmission Fluid SAE 50

Delo<sup>®</sup> Synthetic Transmission Fluid is a heavy duty truck synthetic manual transmission fluid specially formulated for extended drain and severe service and recommended for factory and service fill of heavy duty manual transmissions, such as those manufactured by Eaton and Mack.

Delo Synthetic Transmission Fluid is a heavy duty truck synthetic manual transmission fluid specially formulated for extended drain and severe service.

It is manufactured from synthesized hydrocarbon base fluids which have excellent thermal and oxidation stability, a high

natural viscosity index, and a low pour point. Since it is highly stable when exposed to severe heat, it promotes exceptional high temperature lubrication for extended drain intervals. Delo Synthetic Transmission Fluid's outstanding low temperature flow properties and natural high viscosity index provides exceptional all-climate, year-round performance in heavy duty truck transmissions. Its use permits easy shifting in extremely cold weather and minimal drag and gear wear during startup. When using Delo Synthetic Transmission Fluid there is a potential for fuel economy savings when compared to conventional mineral oil based lubricants.

When using Delo Synthetic Transmission Fluid in combination with Delo<sup>®</sup> Synthetic G/L 75W-90 and Delo<sup>®</sup> 400 LE SAE 10W-30 engine oil with a strict maintenance and oil analysis program, you will likely see rewarding fuel economy savings over traditional mineral oil based products.

### Chevron Synthetic Automatic Transmission Fluid Heavy Duty

Chevron Synthetic Automatic Transmission Fluid Heavy Duty is specially engineered for heavy duty automatic truck and bus transmissions operating in extended service. It is officially approved by Voith and ZF for extended drain intervals and Allison TES-389 transmission warranty service.

Chevron Synthetic Automatic Transmission Fluid Heavy Duty is specially engineered for heavy duty automatic truck and bus transmissions operating in extended service. It is officially approved by Voith and ZF for extended drain intervals. It is approved for Allison TES-389 transmission warranty service. It is not approved by Allison for TES-295 transmission extended warranty service. It is also an excellent choice for passenger cars and light trucks requiring Ford MERCON<sup>®</sup>, MERCON V, or General Motors DEXRON<sup>®</sup>-III, 1 especially for those vehicles in moderate to severe service. Examples of severe service applications include police cars, taxicabs, pickup & delivery trucks, recreational vehicles, and tow trucks.



## GEAR LUBRICANTS

Gear oils lubricate, cool and protect geared systems. They carry wear debris away from contact areas, reduce operating noise and deliver extreme temperature and pressure protection. Delo gear oils help prevent wear and other types of damage which can cause equipment failure and downtime.

### Delo® Gear Lubricant ESI

Delo® Gear Lubricants ESI® are premium grade automotive gear lubricants designed for gears operating under severe temperature and load conditions.

Delo Gear Lubricants ESI are premium grade automotive gear lubricants. They are formulated with ISOSYN® Technology and compounded with a unique extreme pressure additive utilizing an inorganic borate compound. They also contain a patented, synergistic combination of additives that protect against wear, seizure, oxidation, corrosion, rust, and foam. Delo Gear Lubricants ESI are ideally suited for gear sets exposed to extremely high temperatures and loads. Tests have proven that Delo Gear Lubricants ESI provide a wear protection film 3 to 5 times thicker than the conventional sulfur-phosphorus antiwear film. The inorganic borate film is composed of compounds that do not react with metal. The film forms promptly to provide exceptional gear protection and maximum thermal stability. By minimizing friction, cool operating temperatures have been observed.

### Delo® Synthetic Gear Lubricant SAE 75W-90

Delo Synthetic Gear Lubricant is a premium heavy-duty, extreme pressure, multigrade automotive gear lubricant. It is manufactured from synthesized hydrocarbon base fluids, which have excellent thermal and oxidation stability, a high viscosity index and a low pour point. Delo Synthetic Gear Lubricant is recommended as a rear axle and differential lubricant in over-the-road and off-road vehicles when operating under severe conditions and in extremely cold or hot environments.

Delo Synthetic Gear Lubricant meets and exceeds the requirements of API Service Categories GL-4, GL-5 and MT-1. In addition, it is approved for:

- **Dana Corporation, Spicer Axle Division**
  - SHAES 256 REV C (SAE 75W-90 only)
  - SHAES 256 REV A (SAE 80W-140 only)
- **Eaton Corporation** E500 PS-163 (SAE 75W-90 only)
- **Mack** GO-J
- **Meritor** O-76N Extended Drain
- **SAE J2360** (formerly MIL-PRF-2105E)

The claims apply to both viscosity grades unless indicated otherwise.

The low pour point of Delo Synthetic Gear Lubricant provides excellent lubrication during start-up at sub-zero temperatures, while the improved viscosity temperature characteristics provide excellent lubrication at high temperatures. Lower frictional losses in the lubricant film and reduced churning losses due to lower bulk oil viscosity lead to reduced operating temperatures when compared to conventional gear lubricants.

Delo Synthetic Gear Lubricant is an excellent performer in Dana, Eaton, and Meritor axles with 500,000-mile drain intervals and 750,000-mile extended equipment warranty.



## GREASES

Delo® Greases EP are technically advanced, extreme pressure greases for a wide variety of on-road applications.

### Delo® Grease EP

These products are formulated to perform in unusually demanding conditions of high and low temperatures. The lithium complex thickener in Delo Greases EP elevates the dropping point to approximately 266°C (510°F). This high dropping point equates to excellent high temperature stability up to 177°C (350°F). Delo Greases EP have the proper base oil viscosity to meet NLGI GC-LB requirements for low temperature operation. **NLGI 1** and **2** are recommended for applications operating in the temperature range of -18°C to 177°C (0°F to 350°F). **NLGI 00** and **0** can be used at temperatures as low as -34°C (-30°F). Delo Greases EP exceed the requirements of NLGI GCLB for EP protection and rust protection, making them well suited for the most severe applications.

### Delo® Synthetic Grease SF

Delo Synthetic Grease SF is formulated to perform in demanding conditions of high and low temperatures. The polyurea thickener in Delo Synthetic Grease SF elevates the dropping point to 250°C (482°F). This high dropping point equates to excellent high temperature stability up to 190°C (375°F). In addition, the high viscosity index (VI) of the PAO synthetic base oil allows for excellent flow properties at low temperatures - allowing Delo Synthetic Grease SF to operate at temperatures as low as -45°C (-50°F).



## COOLANT/ANTIFREEZE

Delo® Extended Life Coolant/Antifreeze products are single phase, ethylene glycol based products available in various dilutions that are based on patented aliphatic carboxylate corrosion inhibitor technology specifically formulated for heavy duty cooling system applications that require nitrite.

### The Delo® ELC Coolant product line includes:

- Delo® Extended Life Prediluted 50/50 Coolant/Antifreeze, a 50/50 mixture of Delo® ELC concentrate and deionized water
- Delo® Extended Life Coolant/Antifreeze Concentrate
- Delo® Extender, the recommended recharge for extended service intervals when using Delo ELC



### Delo® ELC Coolant System

**Long Service Life** — 750,000 miles on-road use.

For an even longer service of 1,000,000 miles/20,000 hours/8 years, add Delo Extender at 500,000 miles/10,000 hours/4 years.

Delo Extended Life Coolant/Antifreeze products are heavy duty engine coolants that use a patented organic corrosion inhibitor technology called aliphatic carboxylates.

Delo ELC is free of nitrates, borates, silicates, phosphates and amines. These products contain nitrites and molybdates for additional cylinder liner protection.





# YOUR PARTS DEPEND ON DELO.<sup>®</sup>



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# Delo<sup>®</sup>

## DELO<sup>®</sup> DELIVERS CONFIDENCE<sup>™</sup>



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