

## DELO® WITH ISOSYN® TECHNOLOGY

VS.

## CONVENTIONAL DIESEL ENGINE OIL

It all starts with the premium base oil manufacturing.



Light Neutral      Heavy Neutral

Base Oils made with Chevron's ISOCRACKING®/ISODEWAXING® Catalyst



Light Neutral      Heavy Neutral

Conventional Solvent Dewaxing Base Oil Technology

Next is the use of high performance additives that allow for excellent soot dispersancy, which reduces sludge buildup and minimizes viscosity increase.



Delo High Performance Additive Formulation Provides Excellent Soot Dispersancy and Helps Prevent Deposit Buildup



Economical Heavy-Duty Engine Oil Additive Formulation Provides Poor Soot Dispersancy Which Increases Sludge Formation

Combining the above with Chevron's formulation expertise, Delo with ISOSYN Technology provides superb protection to critical engine parts.



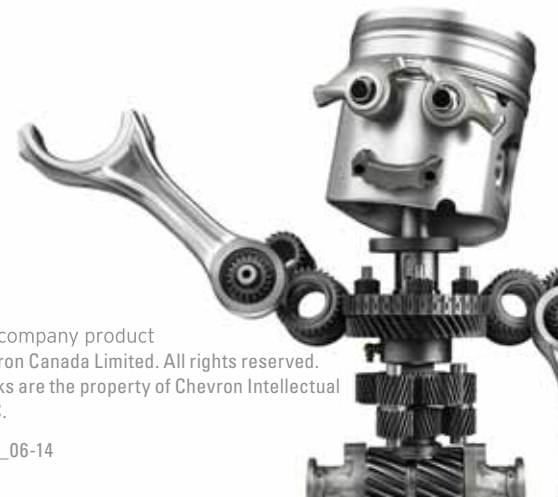
Delo with ISOSYN Technology Protects Critical Engine Parts to Help Maximize Engine Life



Economical HDEO Formulation Sacrifices Protection for Cost and Limits Critical Engine Life



[www.ChevronDelo.com](http://www.ChevronDelo.com)



A Chevron company product  
© 2014 Chevron Canada Limited. All rights reserved.  
All trademarks are the property of Chevron Intellectual Property LLC.

CH2014DIBE\_06-14

# ISOSYN® is why



# Delo® Let's go further.™

## WHAT IS ISOSYN® ?

ISOSYN Technology is how Chevron formulates its top tier Delo products. It's the combination of our premium base oils, high performance additives, with Chevron's formulation expertise that provide superb diesel engine parts protection. All at an outstanding value.

## ISOSYN TECHNOLOGY



Premium Base Oils

+



High Performance Additives

+



Chevron Formulation Expertise

=



## DELO WITH ISOSYN TECHNOLOGY LETS YOU GO FURTHER

Delo with ISOSYN Technology provides the following benefits:

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

## PERFORMANCE ACROSS VARIOUS INDUSTRIES

Delo with ISOSYN Technology has logged millions of kilometres and thousands of hours in various diesel engines in all types of conditions. Industries that can benefit from Delo with ISOSYN Technology include:

- Owner-Operators
- Fleets
- Construction
- Agriculture
- Mining
- Marine

## THE PROMISE DELO DELIVERS

The ultimate value of Delo with ISOSYN Technology for customers is that it:

- Provides excellent soot dispersancy and sludge protection
- Protects critical engine parts
- Delivers confidence to work equipment to its maximum productivity



# Delo® Family of Products

For Bumper-to-Bumper protection, the Delo family of products can provide protection for all critical equipment components to ensure maximum productivity.

Delo® is Chevron's premium lubricant brand for heavy-duty diesel vehicles. Delo delivers confidence to commercial and industrial professionals who require the best equipment performance and protection.

Our customer commitment has led us to constantly improve our products and reliability offering. The Delo family of products has been designed as a complete premium portfolio to protect your vehicles.

The Delo family of products provide the protection customers need to be confident that they can maximize equipment productivity and minimize costly repairs or downtime. **Delo helps you go further.**

To learn more about the complete Delo product line, visit us at [www.ChevronDelo.com](http://www.ChevronDelo.com).



Delo® 400 XLE and Delo 400 LE

Formulated with ISOSYN® Technology that rivals synthetic performance which provides extended service protection, maximizes engine durability, and minimizes operating costs.

Benefits:

- API CJ-4
- Delo 400 XLE provides up to 1% fuel economy performance
- Provides excellent wear protection and helps prolong engine life
- Maintains soot dispersancy – helps prevent filter plugging
- Limits deposit formation and protects critical engine parts
- Meets major OEM engine manufacturer specifications including Detroit, Volvo, Cummins and others



Delo Syn-Trans XE SAE 50

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.

Benefits:

- Approved for use under Mack TO-A Plus specification up to 1.2 million km (750,000 miles) extended warranty
- Excellent thermal and oxidation stability
- Wide operating temperature range
- Unique additive package provides protection against gear wear and copper corrosion
- Formulated to provide long life for heavy-duty transmissions



Delo Extended Life Coolant  
Delo Extended Life Coolant Nitrite Free (Concentrated and Premix 50/50)

Formulated with a proven carboxylate additive technology to provide extended life in cooling systems for heavy-duty diesel engines without requiring any supplemental coolant additives (SCAs) to maintain protection.

Benefits:

- Superb heat transfer capability in diesel engines
- 1.2 million km (750,000 miles)/12,000 hours of protection (Delo ELC)
- 965,000 km (600,000 miles)/12,000 hours of protection (Delo ELC-NF)
- Provides excellent water pump seal protection
- Cavitation protection for wet sleeve liners



Delo Syn-Gear XDM SAE 75W-90

Formulated with synthetic base oil for extended service operation in axle and differential lubrication under severe operating conditions.

Benefits:

- Meets the requirements of major axle manufacturers for extended drain intervals
- Excellent compatibility with seals used in differentials
- Provides excellent wear protection under severe loads
- Wide temperature operation range
- Compatible with other conventional gear lubricants
- Excellent thermal and oxidation stability



Delo Grease ESI®

Formulated with proven additive technology for long-life protection in severe operating conditions. Designed to provide one grease for all greased equipment components.

Benefits:

- Excellent high temperature performance
- High impact load carry capability – reduced bearing wear
- Superb pumpability in various applications
- Good tackiness that resists water washout and spray-off
- Protection against bearing corrosion
- Excellent shear stability to provide important thin film protection



Delo Gear ESI

Formulated with ISOSYN Technology and compounded with a unique extreme pressure additive utilizing an inorganic borate compound. It also contains a patented, synergistic combination of additives that protect against wear, seizure, oxidation, corrosion, rust and foam.

Benefits:

- Formulated to provide long life for gears, bearings and seals
- Outstanding thermal and oxidation stability for long service intervals
- Provides a wear protective film 3 to 5 times thicker than conventional sulphur-phosphorous technology
- Compatible with other gear lubricants
- Ideally suited for gear sets exposed to extreme high temperature and loads
- Compatible with all seal materials