



# DELO<sup>®</sup> 400 SP ISOCLEAN<sup>®</sup> Certified Lubricant SAE 0W-30 (Synthetic)



## PRODUCT DESCRIPTION

"Delo. Let's go further.<sup>®</sup>"

Delo<sup>®</sup> 400 SP SAE 0W-30 (Synthetic)

ISOCLEAN<sup>®</sup> Certified Lubricant is a mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which an SAE 0W-30 viscosity grade is recommended for cold weather start-up and operation. It is formulated with the same technology found in Chevron's Delo 400 XSP SAE 5W-40 and Delo 400 XSP SAE 5W-30 ISOCLEAN Certified Lubricants that are licensed against API CK-4.

Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



## CUSTOMER BENEFITS

Delo 400 SP ISOCLEAN Certified Lubricant delivers value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.

- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **Exceptional Cold Weather Starting** — Due to excellent low temperature pumpability.
- **Optimized Oil Cost** — Low oil consumption as proven by excellent deposit control on piston crownlands. Outstanding oxidation stability contributes to long oil service life.
- **Optimal Operating Costs** — Excellent soot dispersancy and wear control contributes to maximizing engine life to overhaul and helps defer the cost of investing in new equipment. Helps keep filters clean, contributing to maximum filter life.
- **Outstanding Engine Life** — The combination of exceptional soot dispersancy and excellent low temperature pumpability helps lead to less wear at startup and during all around operating conditions.
- **Warranty Plus Protection** — Bumper-to-bumper warranty protection from the engine to the drive train. Payment for Chevron lubricant-related damage to your equipment, including parts and labor.\* Problem resolution and technical advice from Chevron's lubrication experts.
- **Access to Chevron's Lubrication and Industry Knowledge** — Help maximize your bottom line business results.

\* See Warranty Plus for details and restrictions.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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HDMO-45 ISOCLEAN

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## FEATURES

Delo® 400 SP SAE 0W-30 ISOCLEAN® Certified Lubricant is a mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which an SAE 0W-30 viscosity grade is recommended for cold weather start-up and operation. It is formulated with the same technology found in Chevron's Delo 400 XSP SAE 5W-40 and Delo 400 XSP SAE 5W-30 ISOCLEAN Certified Lubricants that are licensed against API CK-4.

It is designed for subzero arctic-type temperatures and manufactured using stable synthetic base stocks. This oil utilizes highly dispersed viscosity index improvers that promote stable viscosities and soot dispersancy.

## FUNCTIONS

Delo 400 SP SAE 0W-30 ISOCLEAN Certified Lubricant has excellent shear stability and is designed to not shear down to a lower viscosity grade in most applications. Thus, engines are well protected during maximum drain intervals.

Delo 400 SP SAE 0W-30 ISOCLEAN Certified Lubricant maintains excellent deposit control. It retards the formation of sludge, deposits, and varnish associated with low and high temperature operation, thus helping to keep engines clean.

This oil also provides outstanding wear, rust, and corrosion protection.

With its low viscosity, Delo 400 SP SAE 0W-30 ISOCLEAN Certified Lubricant assures consistent cold weather engine starting. The outstanding low temperature pumpability also minimizes wear. This oil maintains excellent oil circulation once the engine has started and is running.

Delo 400 SP SAE 0W-30 ISOCLEAN Certified Lubricant minimizes oil thickening and has excellent oxidation and thermal stability. It minimizes oil consumption because of its low volatility.

## APPLICATIONS

Delo 400 SP SAE 0W-30 ISOCLEAN Certified Lubricant is a mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which an SAE 0W-30 viscosity grade is recommended for cold weather start-up and operation. It is formulated with the same technology found in Chevron's Delo 400 XSP SAE 5W-

40 and Delo 400 XSP SAE 5W-30 ISOCLEAN Certified Lubricants that are licensed against API CK-4.

Delo 400 SP SAE 0W-30 ISOCLEAN Certified Lubricant is recommended for diesel and gasoline engines that need API CK-4 / SN performance capability and ability to operate in subzero arctic environments.

Consult with your Chevron Lubricant Representative or Chevron ISOCLEAN Certified Lubricants Marketer to set specific ISO Cleanliness targets for your business application.

## TYPICAL TEST DATA

SAE Grade	0W-30
Product Number	235197
SDS Number	44986
Density at 15°C, Kg/L	0.840
Viscosity, Kinematic mm <sup>2</sup> /s at 40°C mm <sup>2</sup> /s at 100°C	56.4 10.2
Viscosity, Cold Crank, mPa.s at -35°C	4447
Viscosity, MRV, mPa.s at -40°C	13550
Viscosity, HTHS, mPa.s	3.1
Viscosity Index	171
Flash Point, °C(°F)	232(450)
Pour Point, °C(°F)	-54(-65)
Sulfur, mass %	0.3
Sulfated Ash, mass %	1.0
Base Number, ASTM D2896, mgKOH/g	10
Phosphorus, mass %	0.08
Zinc, mass %	0.08

Minor variations in product typical test data are to be expected in normal manufacturing.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.