



Delo[®] 400 LE SYNTHETIC SAE 5W-40



Delo[®]

www.DeloPerformance.com



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DELO[®] DELIVERS CONFIDENCE[™]

CUSTOMER BENEFITS

The Delo® Performance Advantage™

Delo® 400 LE Synthetic SAE 5W-40 is an API CJ-4 heavy duty engine oil specifically formulated for 2007 Exhaust Gas Recirculation (EGR) with Diesel Particulate Filter (DPF) and 2010 EGR with DPF and EGR/Selective Catalytic Reduction (SCR) with DPF low emission engines. It is fully compatible with previous engine models and previous API Oil Service Categories. It delivers value through:

- **Low Viscosity Synthetic Base Stock** — Promotes consistent cold engine starting. Optimal for gasoline and diesel engines operating in sub-zero temperature.
- **Minimized operating costs** — Exceptional soot dispersancy and wear control protects cylinders, pistons, rings, and injectors against wear and corrosion, promoting optimum service life and minimal maintenance. Contributes to maximum vehicle utilization and minimal downtime.
- **Excellent emission control system life** — Promotes optimum Diesel Particulate Filter (DPF) life for minimal downtime and cleaning, thus minimizing maintenance costs.
- **Managed inventory costs** — Delo® 400 LE Synthetic SAE 5W-40 is compatible with previous API Oil Service Categories. Suitable for use in gasoline engines and naturally aspirated or turbocharged electronically controlled/low emission diesel engines. One oil that meets the engine performance requirements of most North American and European engine manufacturers. One oil that allows users with a wide mix of engine brands to enjoy simplified inventory and dispensing systems that help save money, space and handling time.
- **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** — Maximizes the bottom line business results of trucking industry professionals

*See Warranty Plus for details and restrictions.

FEATURES

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

It is formulated using the most advanced additive technology available to provide outstanding protection.

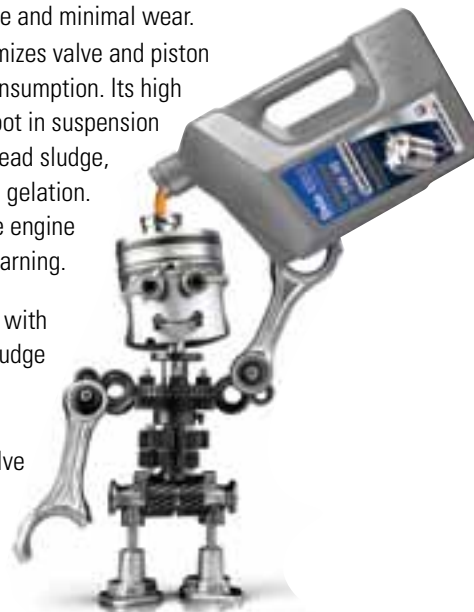
Delo® 400 LE Synthetic SAE 5W-40

- Is an optimal blend of the latest dispersant, detergent, oxidation inhibition, antiwear, corrosion inhibition, viscosity improver and defoaming additive technologies
- Meets the most stringent EGR soot and particulate control requirements
- Has been specifically designed to meet the demands of EGR engines while at the same time providing the highest level of performance in conventional engines and other engine technologies like Caterpillar ACERT™

FUNCTIONS

Delo® 400 LE Synthetic SAE 5W-40 helps keep piston rings clean and free for optimum combustion pressure and minimal wear. Delo® 400 LE Synthetic SAE 5W-40 minimizes valve and piston crown land deposits, thus lowering oil consumption. Its high level of ashless dispersants keeps fuel soot in suspension and thus avoids filter plugging, cylinder head sludge, abrasive wear, viscosity increases and oil gelation. These problems can help cause excessive engine wear and bearing failure, without prior warning.

Optimized additive chemistries combined with synthetic basestocks control oxidation, sludge and undue thickening between oil drains. Delo® 400 LE Synthetic SAE 5W-40's antiwear technologies protect against valve train wear and scuffing of highly loaded parts operating under boundary lubrication. A defoaming additive prevents air entrapment.



APPLICATIONS

Delo® 400 LE Synthetic SAE 5W-40 is a mixed-fleet motor oil recommended for all naturally aspirated and turbocharged four-stroke diesel engines and four-stroke 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 excellent for use in new advanced engines developed to meet 2007 emissions standards and in engines equipped with features like; four-valve heads, super-charging, turbo-charging, direct injection, shorter piston crowns, higher power density, intercooling, full electronic management of fuel and emissions systems, exhaust gas recirculation, and exhaust particulate filters.

It is formulated for exceptional performance with with many fuels, including low sulfur and ultra low sulfur diesel fuels.

This product is recommended for use in older engines, as well as in today's most modern low emission designs.

This product is recommended for use in Caterpillar engines in off-highway or construction applications which require an API CJ-4 Service Category after January 1, 2007.

Delo 400® LE Synthetic SAE 5W-40 is approved for :

- API Service Categories CJ-4, CI-4 PLUS, CI-4, SM
- ACEA European Service Categories E-7
- Cummins CES 20081
- Daimler MB 228.31
- Detroit Diesel Corp. Power Guard Oil Specification 93K218, 93K214
- Mack EO-O Premium Plus 07
- Renault RLD-3
- Volvo VDS-4

Delo® 400 LE Synthetic SAE 5W-40 meets the performance requirements of:

- Caterpillar ECF-3, ECF-2
- MTU Category 1



TYPICAL TEST DATA

SAE Grade	5W-40
Product Number	271207
MSDS Number	24606
API Gravity	33.3
Viscosity, Kinematic cSt at 40°C/cSt at 100°C	88.5/14.6
Viscosity, Cold Crank, C/Poise	-30/62.5
Viscosity Index	168
Flash Point, °C(°F)	232 (450)
Pour Point, °C(°F)	-42 (-43)
Sulfated Ash, wt %	1.0
Base Number, ASTM D 2896	10.3
Phosphorus, wt %	0.115
Sulfur, wt %	.29
Zinc, wt %	0.127

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

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