



Delo® 400 XLE SAE 10W-30

Premium Synthetic Blend Heavy Duty Diesel Engine Oil

Product Data Sheet

Customer benefits

Improves fuel economy

Up to 1% improvement vs. SAE 15W-40 oils in Class 8 diesel engine bench testing.

Minimizes fleet maintenance costs

Exceptional soot dispersancy and wear control. Cylinders, pistons, rings, and valve train components are well protected against wear and corrosion, providing optimum service life and minimal maintenance. Contributes to maximum vehicle utilization and minimal downtime.

Reduces emissions

Provides optimum Diesel Particulate Filter (DPF) life for minimal downtime and cleaning, thus managing your maintenance costs.

Reduces inventory costs

Backwards compatible with previous API Oil Service Categories. Suitable for use in four-stroke gasoline and naturally aspirated turbocharged and modern electronically controlled/low emission diesel engines calling for an SAE 10W-30 heavy duty engine oil. Allows users with a wide mix of engine brands to enjoy simplified inventory and dispensing systems that may contribute to saving money, space and handling time.

Applications

The following applications whenever the manufacturer recommends SAE 10W-30 grade:

- Today's most modern on highway low emission designs as well as some older engines.
- Today's most modern off highway engines where an SAE 10W-30 viscosity grade is recommended including those adapted for the most stringent emissions standards in construction, agriculture, marine, and mining applications.
- Excellent performance in Auxiliary Power Units (APUs) found on trailer refrigeration (refer) units or on truck tractors to help reduce main engine idle.

Product features:

• **Delo® 400 XLE SAE 10W-30 with ISOSYN® Advanced Technology** is a premium synthetic blend fuel economy and mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which the API CK-4 or SN service category and SAE 10W-30 viscosity grade are recommended.

• **Delo® 400 XLE SAE 10W-30 with ISOSYN Advanced Technology** is also recommended for off highway applications when SAE 10W-30 viscosity grade is required. It is formulated for newer engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR) systems. These newer engines generally meet Tier IV (2014) emissions requirements. It is fully compatible with previous engine models and previous API Oil Service Categories.



Typical key properties

DELO® 400 XLE	
SAE Grade	10W-30
Product Code	500613
Base No., ASTM D2896, mg KOH/g	10.3
Sulfated Ash, m %	0.98
Phosphorus, m %	0.076
Viscosity, mm ² /s @ 40°C	81
mm ² /s @ 100°C	11.9
Viscosity Index	142
Zinc, mass %	0.082

1703

Performance standards

- API Service Categories CK-4, CJ-4, CI-4, CI-4 Plus, SN
- ACEA E6/E9
- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Fluids Specification (DFS) 93K222
- DEUTZ DQC III-10 LA
- JASO DH-2
- Mack EOS 4.5
- MAN M 3575
- MB 228.51
- MB 228.31
- MTU Category 2.1
- Renault VI RLD-4
- Volvo VDS-4.5
- ZF TE-ML 03K

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal.

To obtain a MSDS for this product, visit:
www.CaltexDelo.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:

Chevron Lubricants
– Asia Pacific