



Mixed fleet motor oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines for which the API CJ-4 or API SN service categories and SAE 5W-30 viscosity grade are recommended. It is formulated for engines operating under severe service where an SAE 5W-30 oil is specified. Specifically formulated for on highway applications including US 2010 compliant low emission diesel engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR). It is fully compatible with previous API Oil Service Categories.

APPLICATIONS

- Naturally aspirated and turbocharged four-stroke diesel and petrol engines in which the API CJ-4 or API SN and SAE 5W-30 grade are recommended.
- Engines operating under severe service where an SAE 5W-30 oil is specified.
- New advanced engines developed to meet the latest emissions and reliability standards and in engines equipped with features like supercharging, turbocharging, direct injection, higher power density, intercooling, full electronic management of fuel and emissions systems, exhaust selective catalytic reduction, exhaust gas recirculation, and exhaust particulate filters
- Formulated for performance with many fuels, including low sulfur and ultra low sulfur diesel fuels, gasoline, most gasoline fuel blends, and many biofuel formulations.

BENEFITS

- **Operating costs**
Effective soot dispersancy and wear control help protect cylinders, pistons, rings, and valve train components contributing to vehicle utilization and reduced downtime.
- **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 XLE Synthetic SAE 5W-30 is compatible with previous API Oil Service Categories. It is suitable for use in gasoline engines and naturally aspirated or turbocharged electronically controlled/low emission diesel engines. One oil that meets the performance requirements of many 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.



PERFORMANCE STANDARDS

Approved for :

- Daimler MB 228.51 and 228.31
- Deutz DQC-IV-10 LA

Meets the requirements of:

- ACEA E9, E7, E6
- API CJ-4, CI-4 PLUS, CI-4, SN
- Caterpillar ECF-3
- Cummins CES 20081
- Detroit Diesel DDC 93K218
- JASO DH-2
- Mack EO-O Premium Plus
- MAN M 3677, M 3477
- MTU Category 3.1
- Renault VI RLD-3
- Volvo VDS-4

TYPICAL CHARACTERISTICS

Product Code	3276
SAE Grade	5W-30
Density at 15°C, kg/l	0.85
Base Number, D2896, mg KOH/g	9.8
Flash Point, °C	226
Pour Point, °C	-51
Sulfated Ash, m%	1.0
Viscosity at 40°C, cSt	69
Viscosity at 100°C, cSt	11.7
Viscosity Index	165
Phosphorus, m%	0.07
Sulfur, m%	0.27
Zinc, m%	0.082

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.

PACK SIZES

208L



ENVIRONMENT, HEALTH and SAFETY

A Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

OTHER INFORMATION

For further information on Caltex products and services call the Lubelink Advisory Service on 1300 364 169 between 8.00am and 6.00pm (EST) Monday to Friday.

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