Delo® FleetPRO Ultra





Product description

Delo® FleetPRO Ultra is a multigrade, heavy-duty diesel engine oil specifically designed to lubricate a wide range of engines requiring API CI-4 performance. Delo FleetPRO Ultra is available in SAE 10W-30, SAE 15W-40 and 20W-50.

Customer benefits and product features

Customer benefits

- Maintains engine life High efficiency dispersant combination plus proven metallo-organic anti-wear
 additive system provides excellent protection against wear of critically loaded components under all
 operating conditions. Multigrade viscosity provides additional protection against wear at start-up and under
 high temperature operating conditions.
- Improved efficiency Lower viscosity of SAE 10W-30 reduces churning losses and internal fluid friction
 offering potential fuel saving. Improved low temperature fluidity reduces energy consumption at start-up and
 protects engine components from wear and tear by reaching critical components faster.
- Reduces maintenance costs Combination of high-performance base fluids and carefully balanced metallic detergent and ashless dispersant additive system, provides effective overall engine cleanliness in all service conditions.
- Maintains oil and filter service intervals Highly effective antioxidant system inhibits the formation of sludge forming materials which can lead to premature oil thickening and filter plugging. High degree of soot dispersancy maintains oil drain intervals in modern engine designs. Very effective dispersant system further assists by keeping insoluble contaminants finely suspended in the oil, minimizing their ability to block oil filters.

Applications

- Mixed fleets of diesel engines (high speed, four-stroke, turbocharged or naturally aspirated)
- Commercial road transport
- Off-highway vehicles and plant
- Agricultural tractors and farm machinery
- · High speed diesel engines in marine service (e.g., fishing boat, river transport)
- Generator sets

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Heavy Duty Diesel Engine Oil

Product approvals, performance and recommendations

Performance

API CI-4

Service considerations

For vehicles fitted with diesel particulate filters (DPFs), Delo 400 SLK and Delo 400 XLE HD should be selected in accordance with the manufacturer's recommendations. The use of these low SAPS (sulfated ash, phosphorus and sulfur) products will maximize intervals between filter cleaning.

While modest by typical heavy-duty diesel standards, Delo FleetPRO Ultra has a level of phosphorus higher than permitted by certain recent standards for passenger car motor oils, e.g. ILSAC GF-5, and the ACEA "C" standards. Optimum life of catalytic emission control systems will be achieved by using oils of the performance standard recommended by the vehicle manufacturer.

Low Viscosity SAE 10W-30 oils may not be suitable for all engines as older generation engines are designed for use with higher viscosity SAE 15W-40 engine oils. Please refer OEM recommendation before switching oils.

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Typical test data

| DELO [®] FLEETPRO ULTRA | TEST METHOD | RESULTS | | |
|---|------------------------|--------------|---------------|---------------|
| SAE Grade | | 10W-30 | 15W-40 | 20W-50 |
| Product Code | | 500859 | 500838 | 500882 |
| Base No., mg KOH/g | ASTM D2896 | 10.2 | 8.3 | 8.3 |
| Sulfated Ash, m % | ASTM D874 | 1.4 | 1.3 | 1.3 |
| Viscosity, mm²/s @ 40°C mm²/s @ 100°C | ASTM D445 ASTM D445 | 79.4 11.7 | 109.4 14.4 | 160.6 17.5 |
| Viscosity Index | ASTM D2270 | 140 | 134 | 129 |
| Pour Point, °C | ASTM D97 | -39 | -43 | -41 |

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

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 Global Lubricants: Asia Pacific.

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 the <u>Product Information Center</u>.

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.