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## 10W40 CI4/CF ENGINE OIL Fully Synthetic Engine Oil

#### PRODUCT DESCRIPTION

10W40 CI4 CF is an ultra high performance diesel engine oil exclusively designed for the new generation, high performance, and low emission engines used in severe on-highway applications. 10W40 CI4 CF is formulated using the highest quality base fluids that provide outstanding high temperature viscosity retention, low temperature fluidity, volatility control and fuel economy improvement. The latest low SAPS (Sulphated Ash, Phosphorus, Sulphur) additive chemistry used in 10W40 CI4 CF facilitates in maintaining the efficiency of the emission reduction systems such as Diesel Particulate Filter (DPF), which is used by some vehicle manufacturers to meet Euro IV & Euro V emission requirements.

10W40 CI4 CF has exceptional thermo-oxidative stability that provides protection against high temperature deposits, sludge build-up and oil thickening and superior shear stability reduces viscosity breakdown and oil consumption. Excellent low temperature fluidity enables easy pumpability and circulation at low ambient temperatures and therefore enables wear protection at start-up. The advanced low SAPS additive technology protects after treatment devices from deposits and deterioration of catalysts. Excellent anti wear property and high temperature-high shear viscosity provide protection against engine wear & bore polishing facilitating extended engine life.

### PERFORMANCE FEATURES

- API CI-4
- ACEA E6/E7
- MB 228.51
- MAN M3477
- Volvo VDS-3
- Renault RLD-2
- Mack EO-N/EO-O
- Deutz DQC III-10LA
- MTU Oil Category 3.1

#### **BENNIFITS**

 TDS 10W40 CI4 CF is recommended for highly rated diesel engines meeting Euro IV & V and earlier emission norms and running under very severe conditions like extended drain intervals and is suitable for EGR engines with or without particulate filters and for engines fitted with SCR NOx reduction systems. Endurox XLE is strongly recommended for engines fitted with particulate filters and is designed for vehicles running on low sulphur diesel fuel. (max. 50 ppm)



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#### **PROPERTIES**

| SAE                   |          | 10W/40   |
|-----------------------|----------|----------|
| Density 15 °C         |          | 863      |
| Viscosity 40 °C       | cSt      | 89.0     |
| Viscosity 100 °C      | cSt      | 14.0     |
| Viscosity CCS -25 °C  | сР       | <7000    |
| Viscosity Index       |          | 145      |
| Pour point            | °C       | -36      |
| Flash point C.O.C.    | °C       | 200      |
| TBN                   | mg KOH/g | 10.1     |
| Operating Temperature | °C       | -30/+150 |

| PACKAGE SIZE | 500 ml | 1 Litre | 5 Litres | 20 Litres | 210 Litres | 1000 Litres |
|--------------|--------|---------|----------|-----------|------------|-------------|
| 10W40 CI4/CF | ✓      | ✓       | <b>√</b> | <b>√</b>  | 1          | <b>\</b>    |

