



Shell ROTELLA® T6 10W-30

Fully Synthetic Heavy Duty Diesel Engine Oil

Shell ROTELLA® T6 10W-30 full synthetic heavy-duty diesel engine oil with Triple Protection Plus has been enhanced with fully synthetic base oils plus advanced additive technology to provide the performance you expect from a full synthetic engine oil in the viscosity grade you prefer and trust.



Performance, Features & Benefits

- Extended drain capable
- Delivers improved oxidation performance vs API CJ-4 technology
- Compatibility with exhaust emissions control systems
- Improved wear performance versus API CJ-4 technology
- Protection in extreme operating conditions and extreme climates

Main Applications



- **For new and older diesel powered vehicles**

Suitable for new and older diesel powered vehicles from Class 8 tractor/trailers to heavy duty pickups, delivery, utility and school bus fleets. Suitable as a replacement for mineral and synthetic based SAE 10W-30 API CK-4, CJ-4 oils.

- Meets or exceeds diesel engine requirements of API CK-4, Cummins, Caterpillar, Detroit Diesel, Mack, Mercedes Benz, Volvo and Allison.

Specifications, Approvals & Recommendations

- API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
- ACEA E9, E11
- JASO DH-2
- Caterpillar ECF-2, 3
- Cummins CES 20086, 20081
- Detroit Fluids Specification (DFS) 93K222, 93K218 Deutz DQC III-18 LA
- Ford WSS-M2C171-F1
- MACK EOS-4.5
- MAN M 3775
- DTFR 15C100
- Volvo VDS-4.5

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk

Typical Physical Characteristics

| Properties | | Method | Shell Rotella T6 10W-30 |
|---------------------|---------|-------------------|-------------------------|
| Kinematic Viscosity | @ 40°C | cSt | ASTM D445 |
| Kinematic Viscosity | @ 100°C | cSt | ASTM D445 |
| Dynamic Viscosity | @-25°C | mPa s | ASTM D5293 |
| Viscosity Index | | | ASTM D2270 |
| Density | @ 15°C | kg/m ³ | ASTM D4052 |
| Flash Point (COC) | °C | | ASTM D92 |
| Pour Point | °C | | ASTM D97 |

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from

<https://www.epc.shell.com>

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.