



TDS
SMOG DOCTOR VL 10W40

Application:

SMOG DOCTOR VL 10W40

High-quality engine oil for commercial vehicles (diesel Euro I-VI) of the SmogDoctor TL Fully Synthetic 10W40 for meeting of all requirements of the API specification CK-4 as well as of many OEM approvals/specifications. Attributes: Excellent piston cleanliness, prevention of bore-polishing, low wear and formation of soot, stability of lubricant, aging resistance, stability of viscosity, fuel-saving, low exhaust gas emissions, engine cleanliness, longer maintenance interval Application: Commercial vehicles, diesel (Euro I-VI), with modern after-treatment of exhaust gas, substitute for CH-4, CI-4, CJ-4

Specifications and Standards:

viscosity grade SAE: 10W40

Quality class API: SN/CK-4

Quality class ACEA: E6/E9

Recommended to: JASO DH-2; Caterpillar ECF-3; Cummins CES 20086
Detroit Diesel DDC 93K218; Detroit Diesel DDC93K222
Deutz DQC IV-18 LA; MAN M3477; MAN M3677; MB-Freigabe 228.51
MTU Type 3.1; Mack EOS 4.5; Renault RLD-3; Volvo VDS-4.5

Typical physico-chemical attributes

| SMOG DOCTOR TL C2/C3 5W30 | Typical value |
|---|----------------------|
| Kinematic Viscosity Index at 100 °C, mm ² /s | 14.2 |
| Viscosity Index | 165 |
| TBN (mg KOH/g) | 10 |
| CCS (@-35°C) cP | 6040 |
| Pour Point, °C | -30 |
| Flash Point, °C | 228 |