



Product Data Sheet

Vecton 15W-40 CK-4/E9

For longer useful oil life

Description

Castrol VECTON® 15W-40 CK-4/E9 is an advanced heavy duty diesel engine, specifically engineered with synthetic technology to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines with diesel fuels of up to 500ppm sulphur and is compatible with diesel engines fitted with exhaust gas recirculation (EGR) systems. It is also compatible with the latest exhaust after treatment systems such as DPF, DOC and/or SCR when diesel sulphur is limited to 15ppm max.

Advantages

Modern trucks use new technologies to make as much as 30% higher torque, but that also brings higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown, reducing its useful life. Castrol VECTON is formulated to fight oil breakdown by:

1. Controlling oxidation and deposits
2. Neutralizing harmful acids
3. Maintaining viscosity.

Castrol VECTON also adapts to increased temperatures resisting viscosity loss through thermal and mechanical shear. All of this means longer useful oil life giving you the confidence in your maximum drain interval.

Typical Characteristics

| Name | Method | Units | Vecton 15W-40 CK-4/E9 |
|---------------------------|------------|--------------------|-----------------------|
| Density @ 15C | ASTM D4052 | g/ml | 0.875 |
| Viscosity, Kinematic 100C | ASTM D445 | mm ² /s | 15.1 |
| Viscosity, CCS -20C (15W) | ASTM D5293 | mPa.s (cP) | 6500 |
| Viscosity, Kinematic 40C | ASTM D445 | mm ² /s | 114 |
| Viscosity Index | ASTM D2270 | None | 138 |
| Ash, Sulphated | ASTM D874 | % w t | 1.0 |
| Total Base Number, TBN | ASTM D2896 | mg KOH/g | 9.8 |
| Pour Point | ASTM D97 | °C | -42 |
| Flash Point, PMCC | ASTM D93 | °C | 200 |

Product Performance Claims

ACEA E9, E11
API CK-4
JASO DH-2
CAT ECF-3
Cummins CES 20086
DDC DFS 93K222
Deutz DQC III-18 LA
DTFR 15C100 (MB 228.31)
Mack EOS-4.5
MAN M 3775
MTU Oil Category 2.1
RVI RLD-3
Volvo VDS-4.5
Meets Ford WSS-M2C171-F1

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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