

SHPD FLEET TURBO SAE 15W40 API CK-4/SN ACEA E11



Description

BENZOL® SHPD Fleet Turbo SAE 15W-40 API CK-4/SN is a high performance fully synthetic heavy duty diesel engine oil, this mixed fleet oil is recommended for naturally aspirated and turbocharged diesel and gasoline engines in which SAE 15W-40 viscosity grade and API CK-4, or SN service categories are specified.



Applications

BENZOL® SAE 15W40 API CK-4/SN is specifically engineered for engines operating under severe service in a wide range of climatic conditions and ambient temperatures. An ideal mixed fleet engine oil designed for naturally aspirated and turbocharged heavy duty diesel engines in mobile and stationary equipment.

Specifications and Approvals

API CK-4/SN, ACEA E11, Caterpillar ECF-3, Cummins CES 20086, Daimler MB 228.31, Renault RLD-4/RLD-3, Volvo VDS-4.5, Mack EOS 4.5, Ford 171-F1, Detroit Diesel DFS 93K222, Deutz DQC III-10LA, MTU Type 2.1, MAN M3775.

Technical Specifications

Performance Benefits

- Total engine protection.
- Outstanding engine cleanliness and durability.
- Drain interval extension.
- Very long oil drain interval.
- Exceptional wear protection for longer engine life.
- Improved engine cleanliness increased operating hours.
- High wear protection, increased engine lifespan.
- Increased oxidative stability, extended optimal oil performance.

Product/Part Number

| | | | |
|------------|---------|------------|---------|
| FT13765333 | 4 x 5 | FT13765323 | 4 x 4 |
| FT13765173 | 12 x 1 | FT13765173 | 24 X 1 |
| FT13765513 | 1 x 20 | FT13765533 | 1 x 25 |
| FT13765563 | 1 x 200 | FT13765573 | 1 x 208 |
| FT13765603 | 1x1000 | | |

| Tests | Method | Results |
|-------------------------|-----------|----------------|
| Appearance | Visual | Clear & Bright |
| Water | Hot Plate | Nil |
| Color | D-1500 | L3.0 |
| Density @ 15 °C, kg/L | D-1298 | 0.8660 |
| Viscosity @ 100 °C, cSt | D-445 | 14.75 |
| Viscosity @ 40 °C, cSt | D-445 | 103.8 |
| Viscosity index | D-2270 | 148 |
| Flash Point, °C (COC) | D-92 | 232 |
| Pour Point, °C | D-97 | -30 |
| Foam SEQ.I/II/III | D-892 | 0/0/0 |
| TBN, mg KOH/g | D-2896 | 10.1 |
| CCS at -20°C (mPa.s) | D-5293 | 6220 |
| Sulphated Ash(mass%) | D-874 | 0.90 |
| Sulphur Content (mass%) | D-4294 | 0.28 |
| Phosphorus (P) (mass%) | D-5185 | 0.108 |

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

