

PETRONAS URANIA TURBO CF-4

High-Performance, Multigrade Diesel Engine Oil exceeding API Service CF-4 and ACEA E2 Performance Levels

PETRONAS Urania Turbo CF-4 is a high performance multigrade diesel engine oil specially engineered for use in high speed turbocharged diesel engine running on extremely low sulphur diesel as well as the conventional high sulphur diesel fuel.

Formulated with premium quality unconventional base oils and high performance additive system to ensure excellent control over soot induced wear, high temperature piston deposits, corrosion, foaming and oxidation stability. It is also engineered to provide excellent resistance to bore polishing, a high level of wear protection and ensure superior engine cleanliness.

Applications

Recommended for use in severe duty four stroke turbo-charged and naturally aspirated diesel engines of European, American or Japanese origin, both on-highway and off-highway, running on high or extremely low sulphur diesel.

Customer Benefits

- Exceeds all major American, European and Japanese OEM and Industry Specifications
- Excellent soot dispersancy, reduces soot induced oil thickening and associated engine wear
- Outstanding thermal stability and oxidation resistance to maintain excellent engine cleanliness
- Excellent TBN retention effectively neutralising the acidic by-products of combustion

Product Typicals

| Characteristics | SAE | |
|--------------------------|--------|--------|
| | 15W-40 | 20W-50 |
| Density @ 15 °C, kg/l | 0.874 | 0.878 |
| Pour Point, °C | -36 | -27 |
| Flash Point, °C | 232 | 234 |
| Kinematic Viscosity, cSt | | |
| @ 40 °C | 109 | 173 |
| @ 100 °C | 14.4 | 19.7 |
| Viscosity Index | 134 | 131 |
| Cold Cranking Visc., cP | | |
| @ -20 °C | 6,260 | - |
| @ -15 °C | - | 6,600 |
| Sulphated Ash, %wt | 1.0 | 1.0 |
| TBN, mg KOH/g | 8.2 | 8.2 |
| ASTM Colour | 2.5 | 2.5 |

Specifications

API CF-4 /SJ*/SG
 ACEA E2/A3/B4
 MB 228.1 / 229.1
 MTU Type 1
 MAN 271
 Volvo VDS *
 VW 505.00 *

* SAE 15W-40 grade only

Customer Advice

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.