

PETRONAS URANIA SUPREMO CJ-4

Ultimate-Performance Multigrade Diesel Engine Oil for Modern Low-Emission Engines with Outstanding Soot Control, Exceeding API Service CJ-4 and ACEA E9 Performance Levels

PETRONAS Urania Supremo CJ-4 is an environmentally friendly ultimate-performance multigrade diesel engine oil for used in the most severe on-highway and off-highway applications. It is specially engineered for modern, high-output, low-emission engines including those fitted with exhaust after-treatment system using Diesel Particulate Filter (DPF), Selective Catalyst Regeneration (SCR), Diesel Oxidation Catalyst (DOC) and Exhaust Gas Recirculation (EGR). It delivers exceptional performance for the latest EPA 2007 and Euro V compliance engines as well as older high speed turbocharged or naturally aspirated engines running on ultra low sulphur or high sulphur diesel fuel.

Specially formulated with unconventional base fluids technology and advanced low-ash additive system to ensure excellent control over soot induced wear, high temperature piston deposits, corrosion, foaming and oxidation stability. It also provides excellent resistance to bore polishing, a high level of wear protection and ensures superior engine cleanliness at extended drain intervals.

Applications

Specifically recommended for use in:

- High performance heavy duty diesel applications especially the newest low emission engines fitted with DPF, SCR, DOC and EGR technology
- New and old turbocharged and naturally aspirated diesel engines, both on-highway and off-highway, running on high or ultra low sulphur diesel
- Also applicable for gasoline engine such as pick-up trucks, four wheel drive (4WD) and sport utility vehicles (SUVs)

Customer Benefits

- Exceeds the newest low emission engines technology for major American, European and Japanese OEM and Industry specifications
- Excellent engine performance with extended oil drain intervals capability especially with ultra low sulphur diesel
- Exceptional soot dispersancy, preventing deposits on critical engine components and provide excellent protection from soot induced wear
- Excellent thermal and oxidation stability that minimized low temperature sludge build-up and high temperature deposits
- Outstanding Protection for exhaust after-treatment system such as DPF and DOC with low ash additive system

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.

Product Typicals

Characteristics	15W-40
Density @ 15 °C, kg/l	0.867
Pour Point, °C	-36
Flash Point, °C	228
Kinematic Viscosity, cSt	
@ 40 °C	107
@ 100 °C	14.7
Viscosity Index	142
Cold Cranking Viscosity @ -20 °C, cP	5,460
Sulphated Ash, %wt	0.98
TBN, mg KOH/g	8.6
ASTM Colour	3.0

Specifications

API CJ-4/CI-4/CH-4/CG-4/SM
 ACEA E9/E7
 MB 228.31
 Volvo VDS-4/VDS-3/VDS-2
 Cummins CES 20081
 MAN 3275
 MTU Type 2.1
 MACK EO-O Premium Plus
 Renault RLD-3
 CAT ECF-3/ECF-2/ECF-1a
 DDC 93K218