

PETRONAS URANIA OPTIMO 10W-40

Extra High Performance Synthetic Blend Diesel Engine Oil exceeding MB 228.5 Performance Levels

PETRONAS Urania Optimo 10W-40 is an extra high performance synthetic blend diesel engine oil engineered specifically to meet the challenge of the most severe lubrication requirements of the latest European heavy duty diesel engines by providing outstanding lubrication for engines running under the extreme demands of significantly reduced regulatory emission parameters and extended oil change intervals.

It is formulated from highest quality base stocks and advanced performance additives which provide excellent low temperature fluidity, excellent thermal stability, low volatility, consistently efficient long life performance and excellent protection to all parts of the engines.

Applications

Recommended for use in severe duty high performance turbo-charged or naturally aspirated diesel engines, both on-highway and off-highway especially engines operating under extended drain conditions as specified by the OEMs.

Customer Benefits

- Excellent anti-wear and anti-scuff properties to prolong engine life
- Exceptional thermal and oxidation stability for outstanding protection against oil thickening, high temperature deposits, sludge build-up and oil degradation
- Exceptional soot dispersancy, preventing deposits on critical engine components and provide excellent protection from soot induced wear
- Excellent TBN retention for exceptional long drain capabilities and long term deposit and wear control
- Stay in grade shear stability and low volatility reduce viscosity breakdown and oil consumption under high temperature operating conditions
- Optimum formulation viscometrics (high temperature high shear viscosity) to reduce engine scuffing and reduce bore polishing

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	Value
Density @ 15 °C, kg/l	0.867
Pour Point, °C	-48
Flash Point, °C	210
Kinematic Viscosity, cSt	
@ 40 °C	89.1
@ 100 °C	13.4
Viscosity Index	152
Cold Cranking Visc.@ -25 °C, cP	6,520
Sulphated Ash, %wt	1.85
TBN, mg KOH/g	15.9

Specifications

API CF
 ACEA E7 / E4
 MB 228.5
 MAN 3277
 MTU Type 3
 Mack EOM Plus
 Scania LDF-2