



Technical data sheet

RANGELAND Engine oil 10W-30 E9 Low SAPS

Description

RANGELAND Engine oil 10W-30 is a mid-SAPS heavy duty diesel engine oil, manufactured from Group II and Group III base fluids. This product contains an advanced additive package formulated to provide the utmost protection when operating in very severe conditions with extended drain intervals. RANGELAND Engine oil 10W-30 has been developed for use in diesel engines fitted with exhaust gas re-circulation (EGR), selective catalytic reduction (SCR – Adblue) NOx reduction systems, diesel oxidation catalysts (DOC) and diesel particulate filters (DPF). RANGELAND Engine oil 10W-30 has been designed to cope with increased levels of biofuel and their effect on the engine.

Applications

RANGELAND Engine oil 10W-30 is designed for use in Euro 5 / Euro 6, Interim Tier 4 / Stage 3B / Tier 4 and Stage 4 / Stage 5 diesel engines, where any of the performance levels shown below are specified. Market sectors include commercial vehicles, coaches, buses, off-highway and agricultural equipment, etc.

Performance Levels

API CK-4
ACEA E7, E11
CAT ECF-3
Cummins CES 20086
Detroit Diesel DFS Oil Specification 93K222
Deutz DQC III-18 LA
DTFR 15C100 (Mercedes Benz 228.31)
Ford WSS-M2C171-F1
JASO DH-2
MAN M3775
MTU Type 2.1

Physical Characteristics

Density @ 15°C	0.872
Kinematic Viscosity at 100°C (cSt)	12.1
Kinematic Viscosity at 40°C (cSt)	85.84
Viscosity Index	138
Flash Point (closed) °C	204
TBN, mg/KOH/g	9.7
Sulphated Ash, %wt.	1.0
Pour Point, °C	-36

Figures based on average production values.

Part Nos. HLU1062, HLU1063, HLU1064
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