



# Technical data sheet

## RANGELAND Engine Oil 5W-30 C2/C3 SYNTHETIC TECHNOLOGY - MID-SAPS

### Description

RANGELAND Engine Oil 5W-30 is a mid-SAPS synthetic technology engine oil formulated to meet the demands and fuel efficiency expectations of the latest petrol and diesel engines, where a low viscosity oil of this type is required.

RANGELAND Engine Oil 5W-30 has been developed for use in engines using exhaust after treatment devices, including diesel particulate filters (DPFs) and Adblue systems. Additionally enhanced oil flow and film strength give essential protection during start-up. Advanced additive technology provides long-term benefits including reduced wear on critical valve-train components.

RANGELAND Engine Oil 5W-30 provides:

- Increased engine efficiency, output and fuel economy.
- Excellent cold starting characteristics, reducing noise and wear.
- Improved flow rates to bearings at low temperatures and increased film strength at high temperatures.
- Better high temperature operation and anti-sludge control.
- Low levels of volatility.
- Better thermal stability, improved engine cleanliness.

### Applications

Recommended for petrol and diesel engines, fitted in cars and vans, including turbo and supercharged versions requiring a low viscosity 5W-30 oil, specifying one of the performance levels listed below. RANGELAND Engine Oil 5W-30 is also suitable for vehicles using hybrid electric technology.

### Performance Levels

ACEA C3, ACEA C2	MB 229.31, MB229.51,
PSA B71 2290 (2014)	API SN
dexos®2	OV 0141547 – D30

### Physical Characteristics

Relative Density at 15.6 °C	0.856
Kinematic Viscosity @ 40 °C (cSt)	73.5
Kinematic Viscosity @ 100 °C (cSt)	11.9
Viscosity Index	161
Closed Flash Point (°C)	234
Pour Point (°C)	-42
HTHS @150°C, ASTM D4683, mPas min	3.5
TBN, mg/KOH/g	7.0

Figures based on average production values.

Part Nos. HLU1050, HLU1051, HLU1052, HLU1138  
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