



Gulf Formula ULE

Catalyst Compatible Passenger Car Motor Oil

Product Description

Gulf Formula ULE series are high performance, synthetic, ultra-low emission passenger car motor oils meeting mid SAPS (Sulphated Ash, Phosphorous & Sulphur) requirements. These oils have been exclusively developed to extend life and maintain efficiency of the after-treatment devices in passenger cars powered by both gasoline and diesel engines. It provides exceptional cleaning power and wear protection and minimises deposits in engine & turbocharger leading to superior overall performance. It exceeds the requirements of latest low emission oil specifications of leading car manufacturers like Daimler, VW and Porsche.

Features & Benefits

- Low ash content reduces particulate build-up in diesel particulate filters.
- Outstanding thermo-oxidative stability reduces oil degradation and enables extended drain intervals.
- Unique additive chemistry reduces soot related thickening and wear.
- Latest mid SAPS additive technology minimises poisoning of the TWC (Three Way Catalyst) and prolongs the life of after treatment devices used in the latest passenger cars.
- Active cleaning agents reduce piston deposits and sludge build-up facilitating extended engine life.
- Excellent low temperature property aids cold start and protects against wear at start-up...

Applications

- All gasoline and diesel engines in MB and Volkswagen cars meeting Euro 4, Euro 5 & Euro 6 emission norms & requiring mid SAPS oils meeting MB 229.51 and VW 505 00 & 505 01 quality respectively.
- Suitable for Porsche vehicles where Porsche A40 type oil is recommended.
- Modern passenger cars, SUVs, light vans & trucks powered by both gasoline and diesel engines requiring 5W-40 API SN and ACEA C3 quality oils.

Specifications, Approvals & Typical Properties

Meets the following Specifications		5W-40
ACEA C3		X
MB 229.31		X
Renault RN 0710/0700		X
Ford WSS-M2C917-A		X
Recommendation		
FIAT 9.55535-S2		X
Has the following Approvals		
API SN, Volkswagen 505 00, 505 01.		X
MB-Approval 229.51, Porsche Oil Category "Porsche A40"		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	13.0
Viscosity Index	D 2270	174
Flash Point, °C	D 92	220
Pour Point, °C	D 97	-33
TBN, mg KOH/g	D 2896	7.4
Density @ 15°C, Kg/l	D 1298	0.850
Sulphated Ash, %wt	D 874	0.78
Phosphorus, %wt	D 4047/ICP	0.077
Sulphur, %wt	D 129	0.2

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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