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# Gulf Formula ULE 5W-40

*Catalyst Compatible Synthetic Passenger Car Motor Oil*

**Product Description:**

**Gulf Formula ULE 5W-40** is an advanced performance synthetic, ultra low emission passenger car motor oil specially designed using most modern additive chemistry meeting mid SAPS (Sulphated Ash, Phosphorous & Sulphur) requirements and has been exclusively developed to extend life and maintain efficiency of the after treatment devices used in the latest generation passenger cars powered by both gasoline and diesel engines. **Gulf Formula ULE 5W-40** provides exceptional cleaning power and wear protection leading to superior overall performance and minimises deposits in engine and turbocharger and helps in maintaining fuel economy and exceeds the performance requirements of latest low emission oil specifications of leading car manufacturers like Daimler, VW, BMW and Porsche.

**Gulf Formula ULE 5W-40** low ash content reduces particulate build-up in diesel particulate filters, and the outstanding thermo-oxidative stability reduces oil degradation and enables extended drain intervals. The latest mid SAPS additive technology minimises poisoning of TWC (Three Way Catalysts) and prolongs life of after treatment devices used in latest passenger cars and enhanced frictional properties provides outstanding fuel economy. Active cleaning agents reduces piston deposits and sludge build-up facilitating extended engine life and the excellent low temperature properties aids cold start and protects against wear at start-up.

**Gulf Formula ULE 5W-40** is suited for the latest gasoline and diesel engines in MB & VW cars meeting Euro 4 emission standards and requiring mid SAPS oils, all BMW diesel cars meeting Euro 4 emission norms and fitted with particulate filters across the world. Also recommended for the most modern BMW gasoline cars meeting Euro 4 emission norms in the EU territory including Norway, Switzerland and Liechtenstein and modern passenger cars, SUVs, light vans & trucks powered by both gasoline and diesel engines.

**Specifications:**

**Meets:** ACEA A3/B4/C3, Ford WSS-M2C917-A

**Approved by:** API SM/CF, MB-Approval 229.51, BMW Longlife-04  
VW 502.00/505.00/505.01, Porsche A40 (except Cayenne V6)

<b>Properties:</b>	<b>Test Methods:</b>	<b>Typical Values:</b>
SAE Viscosity Grade	SAE J300	5W-40
Density @ 15°C	ASTM D4052	850 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D445	75.8 mm <sup>2</sup> /s (cSt)
Kinematic Viscosity @ 100°C	ASTM D445	13.0 mm <sup>2</sup> /s (cSt)
Viscosity Cold-Cranking Simulator @ -30°C	ASTM D5293	6250 mPa.s (cP)
Viscosity Index	ASTM D2270	174
Flash Point (COC)	ASTM D92	220°C
Pour Point	ASTM D97	-33°C
Total Base Number	ASTM D2896	7.4 mgKOH/g
Sulphated Ash	ASTM D874	0.78 wt %

Product Code: 1221	Date Issued: 28/11/2011	Date Superseded: 25/10/2011	Revision nr: 03
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