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Gulf Formula FE 0W-30

Fully Synthetic Fuel Efficient Passenger Car Motor Oil

Product Description:

Gulf Formula FE 0W-30 is an advanced fuel economy passenger car motor oil formulated from synthetic base stocks and state-of-the-art additive technology to provide outstanding protection against wear, deposits and sludge build-up. **Gulf Formula FE 0W-30** is particularly developed for the latest VW and Audi vehicles with long life service (WIV) for flexible oil drain intervals and has been exclusively designed to exceed the stringent requirements of Volkswagen standard VW 506 01 and is recommended for use in direct injection diesel engines with pump injectors.

Gulf Formula FE 0W-30 has outstanding thermo-oxidative stability that decelerates oil degradation and thus facilitates extended oil change intervals, has low HTHS (High Temperature High Shear) viscosity and special friction modifying agents facilitate fuel economy retention for extended service life. Reduced deposits and sludge build-up in engine and turbocharger ensures rated power and torque and excellent antiwear technology leads to superior wear protection. Exceptional Stay-in-Grade performance ensures reliable lubrication even at higher load and operating temperatures and outstanding low temperature fluidity aids quick cold start and provides wear protection at start-up.

Gulf Formula FE 0W-30 is recommended for passenger cars and light duty vehicles powered by gasoline and diesel engines specifically designed to be capable of using low friction low viscosity oils. **Gulf Formula FE 0W-30** is recommended for all the latest, turbocharged, multi valve, direct injection gasoline and diesel engines in modern passenger cars of VW and Audi including the direct injection diesel engines equipped with pump injectors requiring oils meeting VW 503 00, VW 506 00 & VW 506 01 standards.

Specifications:

Meets: ACEA A5/B5, VW 503.00/506.00/506.01

<u>Properties:</u>	<u>Test Methods:</u>	<u>Typical Values:</u>
SAE Viscosity Grade	SAE J300	0W-30
Density @ 15°C	ASTM D4052	856 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D445	53 mm ² /s (cSt)
Kinematic Viscosity @ 100°C	ASTM D445	9.6 mm ² /s (cSt)
Viscosity Cold-Cranking Simulator @ -35°C	ASTM D5293	<6200 mPa.s (cP)
Viscosity Index	ASTM D2270	167
Flash Point (COC)	ASTM D92	223°C
Pour Point	ASTM D97	-39°C
Total Base Number	ASTM D2896	10 mgKOH/g
Sulphated Ash	ASTM D874	1.3 wt %

Product Code: 1212

Date Issued: 28/11/2011

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