



Quality Endurance Passion

# Formula ULE 5W-30

*Synthetic Catalyst Compatible Motor Oil (Mid-SAPS)*

## **Product Description**

**Gulf Formula ULE 5W-30** is an advanced performance, synthetic, ultra low emission passenger car motor oil meeting mid SAPS (Sulphated Ash, Phosphorous & Sulphur) requirements. This oil 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. It provides exceptional cleaning power and wear protection and minimises deposits in engine & turbocharger leading to superior overall performance.

**Gulf Formula ULE 5W-30** is formulated from synthetic base stocks in combination with modern additive technology to achieve the following performance:

- 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 TWC (Three Way Catalyst) and prolongs life of after treatment devices used in latest passenger cars
- Active cleaning agents reduces piston deposits and sludge build-up facilitating extended engine life
- Excellent low temperature property aids cold start and protects against wear at start-up

**Gulf Formula ULE 5W-30** exceeds the following performance criteria

<b>Approved</b>	API: SM/CF	MB-Approval 229.51	VW 502 00/505 00
	BMW Longlife-04	VW 505 01	
<b>Meets</b>	ACEA C3	GM Dexos2	

## **Typical Analysis**

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	5W-30
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	852
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D445	69
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D445	12,2
Viscosity index		ASTM D2270	>160
Viscosity CCS@-30°C, max	cP	ASTM D2983	<6600
Flash Point COC, min	°C	ASTM D92	230
Pour Point	°C	ASTM D97	-39
Total Base Number	mgKOH/g	ASTM D2896	7,2
Sulphated Ash	%Wt	ASTM D874	0,78
<b>Product Code: 1220</b>	Date Issued: 22-02-2012	Date Reviewed: 12-02-2015	Revision: 03