

Shell Helix F 5W-30

Passenger car engine oil for modern cars



Shell Helix F 5W-30 is a new engine oil designed specifically for applications which require the use of fuel economy oils meeting modern US and European automotive industry specifications.

Applications

- **All naturally aspirated, fuel injected, turbocharged and multivalve passenger car engines that admits the use of fuel economy oils having a low viscosity in high temperature high shear rate conditions.**
- **Oils meeting WSS-M2C913A have a mandatory recommendation for the following Ford models:**

Petrol engines 99 Model Year onwards:

Vehicles with 20000km service interval
Focus 1.4/1.6 Zetec-SE, 1.8/2.0 Zetec-E
Mondeo 2001 - 1.8/2.0 Duratec-HE, 2.5 Duratec-VE
Transit (8/98) - 2.0/2.3 DOHC

Diesel engines 99 Model Year onwards:

Focus - 1.8 Endura-DI, 1.8 DuraTorq - TDCi
Mondeo - 2.0 DuraTorq DI
Transit - 2.0/2.4 DuraTorq DI

- **Fuels economy performance**
Low viscosity, rapid oil flow in starting condition and low friction effectively contribute towards reducing fuel consumption. Fuel economy performances have been proven in engine tests.
- **Easy start up even with cold condition**
The rapid oil flow in starting condition assures an easy start and the engine protection in this severe phase.
- **Low volatility**
The use of selected advanced base oils reduce oil volatility therefore reducing oil consumption.

Specification and Approvals

Shell Helix F 5W-30 meets the requirements of the following industry standards:

API SJ
ILSAC GF-2
ACEA A1/B1
Ford Motor Co: Approved against WSS-M2C913A and WSS-M2C913B.

Performance Features and Benefits

- **Excellent engine protection**
Provides excellent protection in today's passenger car engines that admits the use of low viscosity oils.
- **Catalyst and turbo compatible**

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet that can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics

SAE Viscosity grade		5W - 30	
Kinematic Viscosity		ASTM D 445	
	at 40°C	mm ² /s	57,4
	at 100°C	mm ² /s	9,5
Viscosity Index		ASTM D 2270	160
Density at 15°C	kg/m ³	ASTM D 1298	857
Flash Point PMCC	°C	ASTM D 93	192
Pour Point	°C	ASTM D 97	-45

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.