



# Shell Helix Ultra AF 5W-30

*Maximising engine performance right up to the next oil change*

Shell Helix Ultra AF is the latest generation fully synthetic engine oil designed specifically to meet the needs of all Ford gasoline and diesel engines. Maximising engine performance right up to the next oil change.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Special active cleansing technology**  
Up to five times as effective at removing sludge from dirty engines than a mineral oil.
- **Enhanced oxidation stability**  
Up to 19% more protection than other leading synthetic technology brands tested.
- **Fuel 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.
- **High shear stability**  
To maintain viscosity and stay in grade throughout the oil drain period.
- **Low volatility**  
The use of selected synthetic base oil reduces oil volatility therefore reducing oil consumption. The need for top-up is therefore reduced.

- **Minimises vibration and engine noise**

Smoother, quieter drive.

### Main Applications

All naturally aspirated, fuel injected, turbo-charged and multi-valve Ford 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-M2C 913C have a mandatory recommendation for all Ford 2009 vehicles including those fitted with particulate filters. The oil is fully backward compatible with all older Ford models.

### Specifications, Approvals & Recommendations

- Ford: WSS-M2C913-C (meets requirements)
- ACEA: A5/B5

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

### Typical Physical Characteristics

Properties	Method			Helix Ultra AF
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	57.4
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	9.5
Viscosity Index	ASTM D2270			160
Density	@15°C	kg/m <sup>3</sup>	ASTM D1298	857
Flash Point (PMCC)	°C			192
Pour Point	°C			-45

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

### Health, Safety & Environment

- **Health and Safety**

Shell Helix Ultra AF is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

- **Protect the Environment**

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

### **Additional Information**

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.