



# Shell Helix Ultra

## 5W-40

*Ultimate protection for performance motoring*



Shell Helix Ultra is a unique, fully synthetic lubricant for ultimate engine protection and performance. Founded on Shell technology and Formula 1 racetrack experience over many years, Shell Helix Ultra has been tried, tested and proven even under the most extreme driving conditions.

### Applications

- All naturally aspirated, fuel injected, turbocharged and multivalve passenger car engines fuelled by either gasoline, diesel or LPG.

### Performance Features

- **Ultimate protection**  
In **all** driving conditions
- **Laboratory tested**  
Extensively tested and proven by Shell Technologists
- **Formula 1 technology**  
Proved at racetracks throughout the world.
- **Catalyst and turbo compatible**  
Exceeds industry standards
- **Fuel efficient**  
Low viscosity, rapid oil flow and low friction effectively contribute towards reducing fuel consumption
- **Extremely low chlorine content**  
Meets environmental requirements

### Performance Specifications

Shell Helix Ultra exceeds the requirements of all major car manufacturers and the following industry standards:

API	SL/CF
	ECI
ACEA	A3-98, B3-98 & B4-98
Rover	Registered
VW	500.00, 502.00, 505.00
Japanese Engines	Qualified
Porsche	Approved
BMW	BMW Longlife-98
Peugeot-Citroen	Meets requirements of PSA E-
98	extended drain (level 2 for
	application)
Mercedes Benz	Sheet 229.3
Ferrari	Factory Fill and Sole
	Service Fill recommendation

### Typical Physical Characteristics

Helix Ultra	5W-40
<b>Kinematic Viscosity</b>	
@ 40°C mm <sup>2</sup> /s	76.3
@ 100°C mm <sup>2</sup> /s	13.8
(ASTM D 445)	
<b>Viscosity Index</b> (ISO 2909)	187
<b>Density @ 15°C</b> kg/l (ASTM D 4052)	0.851
<b>Flash Point (PMCC)</b> °C (ISO 2592)	206
<b>Pour Point</b> °C (ISO 3016)	-42

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

### Health & Safety

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

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

### Protect the environment

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

### Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative. For contact details see page ii in the front of this binder.