



Shell Helix Ultra 5W-40

Maximises performance right up to the next oil change

Shell Helix Ultra has been formulated with Shell's ultimate active cleansing technology. It works harder to protect than conventional motor oils by continuously helping to prevent dirt and sludge build-up, for better responsiveness and improved performance, thus helping your engine to operate at its full potential right up to the next oil change.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Shell's ultimate active cleansing technology**
Up to five times more effective at removing sludge from dirty engines than a mineral oil.
- **Long-term oxidation stability**
Up to 30% more protection than other fully synthetic leading brands tested.
- **Low viscosity, rapid oil flow and low friction**
Greater fuel efficiency and easier cold starting.
- **High shear stability**
Maintains viscosity and stays in grade throughout the oil change interval.
- **Specially selected synthetic base oils**
Reduce oil volatility and therefore oil consumption and the need for top-up.
- **Minimises vibration and engine noise**
Smoother, quieter drive.

Main Applications

- Suitable for fuel-injection gasoline engines fitted with blow-by-gas recirculation and catalytic converters.
- Also suitable for turbocharged and intercooled, direct-injection diesel engines fitted with blow-by-gas recirculation without particulate filters.

Specifications, Approvals & Recommendations

- API: SN/CF
- ACEA: A3/B3, A3/B4
- VW: 502.00/505.00
- MB Approval: 229.5
- BMW: LL-01
- Porsche: A40
- ferrari
- Fiat: 9.55535.Z2 (Meets the requirements of)
- Renault: RN 0700/0710
- PSA: B71 2296

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	Shell Helix Ultra 5W-40
Viscosity Grade				5W-40
Kinematic Viscosity	@40°C	cSt	ASTM D445	74.4
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.1
density	@15°C	kg/l	ASTM 4052	0.840
Pour Point		°C	ASTM D97	-39
Hths Viscosity	@150°C	m PaS	ASTM D4741	3.68
Flash Point (Pmcc)		°C	ASTM D93	215

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 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.