Shell Helix *Ultra 5W-40*

WITH Shell PUREPLUS TECHNOLOGY

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.

Proud Drivers Choose Shell Helix

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.
- **Approved by car manufacturers**
  Approved for use by numerous makers of high-performance vehicles and recommended by Ferrari.
- **Long life**
  Exceptional protection and cleansing, even at the longest manufacturer-recommended oil-drain intervals.
- **Multi-fuel capability**
  Can be used for gasoline, diesel and gas engines, and is also suitable for biodiesel and gasoline/ethanol blends.

1 Compared with API SN specification and based on Sequence IVA and Sequence VIII engine tests carried out at an independent laboratory.

2 Based on a severe sludge clean-up test.

3 Compared with API SN specification and based on Sequence IIIG oxidation and deposit tests carried out at an independent laboratory.

4 Based on NOACK volatility test and equipment manufacturers' requirements.

5 Compared with higher-viscosity oils.

Main Applications

- Suitable for fuel-injection gasoline engines fitted with blow-by-gas recirculation and catalytic converters.

Specifications, Approvals & Recommendations

- API: SN/CF
- Acea: A3/B3, A3/B4
- BMW: LL-01
- MB Approval: 229.5
- VW: 502.00/505.00
- Porsche: A40
- Renault: RN 0700/0710
- PSA: B71 2296
- ferrari
- Fiat: 9.55535.Z2 (Meets the requirements of)
- Chrysler MS-10725
- For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.
- Advice on applications not covered here may be obtained from your Shell or Shell Lubricants distributor representatives or technical help desks.

Typical physical characteristics

Properties			Method	Shell Helix Ultra 5W-40
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.10
Kinematic Viscosity	@40°C	cSt	ASTM D445	79.10
Viscosity Index			ASTM D2270	168
MRV	@-35°C	cP	ASTM D4684	19300
Density	@15°C	kg/m^3	ASTM D4052	840.3
Flash Point		°C	ASTM D92	242
Pour Point		°C	ASTM D97	-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 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.