Shell **Helix** *HX5 15W-40*

Premium multi-grade motor oil - Helps to remove sludge from dirty engines

Shell Helix HX5 is designed to help provide consistent engine performance. It works hard to help protect against engine sludge and reduce wear. It is suitable for a wide variety of vehicles for everyday driving conditions.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Active cleansing technology**

  Actively locks away harmful performance-robbing deposits.

- **Active clean-up**

  Helps to remove sludge left behind by inferior oils [2].

- **Effective wear protection** [1]

  Helps to protect against wear and neutralise corrosive combustion acids.

- **Resistance to oil degradation** [2]

  Helps to maintain protection throughout the oil-drain interval.

- **Multi-fuel capability**

  Can be used for gasoline, diesel and gas engines, and is also suitable for biodiesel and gasoline/ethanol blends.

- **Low Speed Pre-Ignition Protection (LSPI)**

  The latest highly rated turbocharged gasoline direct injection engines can be vulnerable to damaging LSPI events resulting from uncontrolled ignition of the fuel.

1 Based on Sequence IVA engine test carried out at an independent laboratory

2 Based on a severe sludge clean-up test

Main Applications

- Shell Helix HX5's premium multigrade formulation helps to provide protection in everyday daily driving conditions. Shell Helix HX5 can be used for gasoline, diesel and gas engines, and it is also suitable for biodiesel and gasoline/ethanol blends.
- It is also suitable for use in modern direct injection turbocharged gasoline engine where it provides protection against damaging low-speed pre-ignition (LSPI).

Specifications, Approvals & Recommendations

- API SN PLUS
- API SN, CF
- ACEA A3/B3

To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at: http://lubematch.shell.com

Advice on applications not covered here may be obtained from your Shell or Shell Lubricants distributor representatives or technical helpdesks.

Typical Physical Characteristics

Properties			Method	Shell Helix HX5 15W-40
Kinematic Viscosity	@40°C	cSt	ASTM D445	106
Kinematic Viscosity	@100°C	cSt	ASTM D445	14.27
Viscosity Index			ASTM D2270	137
MRV	@-25°C	cP	ASTM D4684	17000
	@15°C	kg/m^3	ASTM D4052	865.8
Flash Point		°C	ASTM D92	241
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 HX5 15W-40 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 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.