Shell **Helix** *HX6 10W-40*

Synthetic technology motor oil - Helps to protect against sludge and wear

Shell Helix HX6 is an advanced formulation that enhances engine performance by helping to protect against engine sludge build-up and 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.

- **Low-speed pre-ignition protection**

  Protects against damaging low-speed pre-ignition (LSPI) in modern turbocharged direct injection gasoline engines[1]

- **Effective wear protection** [2]

  Helps to extend engine life by protecting against wear.

- **Resistance to oil degradation**

  Helps to maintain protection throughout the oil-drain interval.

- **Low-evaporation formulation** [3]

  Low oil consumption for less frequent top-up.

- **Multi-fuel capability**

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

1 Based on Seq IX industry standard test.

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

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

Main Applications

- Shell Helix HX6 helps to prolong the engine life of modern vehicles in demanding daily driving conditions by protecting against wear. Shell Helix HX6 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 engines where it provides protection against damaging low-speed pre-ignition (LSPI).

Specifications, Approvals & Recommendations

- API SN PLUS
- ACEA A3/B4
- VW 501.01/505.00
- Meets requirements of Renault RN0700, Mercedes Benz MB 229.3
- API SN

  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 HX6 10W-40
Kinematic Viscosity	@40°C	cSt	ASTM D445	92.4
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.9
Viscosity Index			ASTM D2270	153
Dynamic Viscosity	@-25°C	cP	ASTM D5293	6 045
MRV	@-30°C	cP	ASTM D4684	19 300
	@15°C	kg/m^3	ASTM D4052	863
Flash Point		°C	ASTM D92	242
Pour Point		°C	ASTM D97	-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 & Environment

- **Health and Safety**

  Shell Helix HX6 10W-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 https://www.epc.shell.com

- **Protect the Environment**

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