Shell **Helix** *HX7 SP 10W-40*

Synthetic technology motor oil - Long term protection against sludge

Shell Helix HX7 SP helps to keep gasoline engines clean and running efficiently. It provides excellent sludge protection and helps to prevent engine wear. It helps to reduce engine friction to provide enhanced fuel economy.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Synthetic Technology**

  Uses both synthetic and mineral base stocks to achieve higher performance levels than can be formulated from mineral oils alone.

- **Shell's unique active cleansing technology**

  Actively locks away harmful performance-robbing deposits.

- **Premium sludge protection**

  Provides sludge protection that no other synthetic technology or mineral oil can surpass [1]

- **Superior wear protection**

  Helps to extend engine life by providing wear protection that no other synthetic technology or mineral oil can surpass [2]

- **Low evaporation formulation**

  Low oil consumption for less frequent top-up.

- **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 VG sludge test

2 Based on Sequence IVA wear test using 5W-30. Synthetic technology refers to motor oils that make use of both synthetic and mineral base stocks.

Main Applications

Everyday motorway or city driving can mean severe conditions for engine oil. Shell Helix HX7 SP helps to provide protection for modern vehicles in demanding daily traffic conditions. Suitable for gasoline, gas or ethanol containing fuels.

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 SP

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 HX7 SP 10W-40
Density	@15°C	kg/m³	ASTM D4052	870
Kinematic Viscosity	@40°C	cSt	ASTM D445	104.7
Kinematic Viscosity	@100°C	cSt	ASTM D445	15.4
Flash Point		°C	ASTM D92	240
Pour Point		°C	ASTM D97	-33

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**

  This product 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://epc.shell.com

- **Protect the Environment**

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