



# Shell Helix *HX7 SP 5W-30*

*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**

Helps protect against the build up of damaging engine sludge <sup>1</sup>

- **Superior wear protection**

Helps to extend engine life by providing wear protection that no other synthetic technology or mineral oil can surpass <sup>2</sup>

- **Meets ILSAC GF-6A fuel economy standards**

Enhanced fuel economy, with a corresponding reduction in emissions <sup>3</sup>.

- **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.

<sup>1</sup> Based on Sequence VG sludge test

<sup>2</sup> 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

<sup>3</sup> Compared with higher-viscosity oils

### 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
- ILSAC GF-6A

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 5W-30
Kinematic Viscosity	@40°C	cSt	ASTM D445	64.6
Kinematic Viscosity	@100°C	cSt	ASTM D445	10.65
Viscosity Index			ASTM D2270	155
Dynamic Viscosity	@-30°C	cP	ASTM D5293	5 950
MRV	@-35°C	cP	ASTM D4684	23 800
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	857.8
Flash Point		°C	ASTM D92	230
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 HX7 SP 5W-30 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.