



Shell Helix *HX7 SN 10W-30*

Synthetic technology motor oil - Long term protection against sludge

Shell Helix HX7 SN helps to keep gasoline engines clean and operating efficiently. It provides excellent sludge protection and helps to prevent engine wear. It is suitable for use in a wide variety of vehicles driven in demanding traffic conditions.

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.

- **Active clean-up**

Helps to remove sludge left behind by inferior oils ⁴

- **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

- **Meets ILSAC GF-5 fuel economy standards**

Enhanced fuel economy, with a corresponding reduction in emissions ³

- **Low-evaporation formulation**

Low oil consumption for less frequent top-up.

¹ Based on Sequence VG sludge test using 5W-30. Synthetic technology refers to motor oils that make use of both synthetic and mineral base stocks.

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.

³ Compared with higher-viscosity oils

⁴ Based on severe sludge clean-up test

Main Applications

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

Specifications, Approvals & Recommendations

- API SN
- ILSAC GF-5
- 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 lubricants distributor, Shell representative, or Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Helix HX7 SN 10W-30
Kinematic Viscosity	@100°C	cSt	ASTM D445	10.49
Kinematic Viscosity	@40°C	cSt	ASTM D445	65.28
Viscosity Index			ASTM D2270	149
MRV	@-30°C	cP	ASTM D4684	12000
Density	@15°C	Kg/m ³	ASTM D4052	854.7
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 SN 10W-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 Material Safety Data Sheet, which can be obtained from <http://epc.shell.com>

• Protect the Environment

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

