Shell **Helix** *HX8 5W-40*

Fully synthetic motor oil - Relentless performance, cleansing and protection

Shell Helix HX8 synthetic motor oil works hard to help keep modern engines clean and protected. It helps to prevent the formation of harmful deposits that can lead to performance loss. Its excellent deposit protection is suitable for all OEM-recommended drain intervals.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Superior active cleansing technology** [1]

  Actively locks away harmful performance-robbing deposits.

- **Active clean-up**

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

- **Excellent wear protection** [3]

  Helps to extend engine life by protecting against wear, even in the toughest driving conditions.

- **Long-term resistance to oil degradation**

  Helps to maintain protection throughout the oil-drain interval.

- **Long life**

  Suitable for all equipment-manufacturer-recommended oil-drain intervals.

- **Enhanced low-temperature performance**

  Faster oil flow for quicker engine warm-up [4]

- **Low-evaporation formulation** [5]

  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.

- **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 Compared with Shell Helix mineral oils

2 Based on a severe sludge clean-up test

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

4 Compared with higher-viscosity oils

5 Based on NOACK volatility test and equipment manufacturers' requirements

Main Applications

- Shell Helix HX8's synthetic formulation can be used in engines in a wide variety of modern vehicles that face these demanding driving conditions, and should be recommended for customers who want to keep the same oil-drain interval and are carrying heavy loads, operating in extreme climates or driving in congested stop-start city traffic.
- Shell Helix HX8 can be used for gasoline engines, diesel engines (without particulate filters) and gas engines, and it is also suitable for use with 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).
- Also suitable for use with many hybrid vehicles.

Specifications, Approvals & Recommendations

- API SP
- ACEA A3/B4
- Meets requirements MB 229.5, MB 229.3
- VW 502.00/505.00
- Renault RN 0710
- Meets the requirements of Fiat (FCA) 9.55535-M2,Renault RN 0700

To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at: https://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 HX8 5W-40
Density	@15°C	kg/m³	ASTM D4052	841
Kinematic Viscosity	@40°C	cSt	ASTM D445	89.2
Kinematic Viscosity	@100°C	cSt	ASTM D445	14.8
Flash Point		°C	ASTM D92	232
Pour Point		°C	ASTM D97	-36

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 (SDS) 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.