Shell **Helix** *HX8 X 5W-30*

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

- **Shell's superior active cleansing technology** [1]
  Actively locks away harmful performance-robbing deposits.
- **Excellent wear protection** [2]
  Helps to extend engine life by protecting against wear, even in daily traffic conditions.
- **Long-term resistance to oil degradation**
  Helps to maintain protection throughout the oil-drain interval.
- **Low viscosity and low friction**
  Enhanced fuel economy with a corresponding reduction in emissions [3]
- **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.
- Protects against low-speed pre-ignition (LSPI) in direct injection turbocharged gasoline engines [6]

1 Compared with Shell Helix mineral oils

2 Based on industry standard engine test carried out at an independent laboratory

3 Based on ACEA M111 fuel economy results compared with the industry reference oil

4 Compared with higher-viscosity oils

5 Based on NOACK volatility test and equipment manufacturers' requirements

6 Based on Sequence IX LSPI test carried out at an independent laboratory

Main Applications

- Shell Helix HX8 X"s formulation can be used in engines in a wide variety of modern vehicles including direct-injection turbocharged gasoline engines, 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.
- It is suitable for direct injection turbocharged gasoline engines where protection against low-speed pre-ignition (LSPI) is required.
- Shell Helix HX8 X 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.

Specifications, Approvals & Recommendations

- API SP
- ACEA A3/B4
- MB-Approval 229.5
- Renault RN 0710
- Meets requirements of Renault RN 0700
- 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 HX8 X 5W-30
Kinematic Viscosity	@100°C	cSt	ASTM D445	11.8
Kinematic Viscosity	@40°C	cSt	ASTM D445	67.8
Viscosity Index			ASTM D2270	171
MRV	@-35ºC	cP	ASTM D4684	7 400
Density	@15°C	Kg/m^3	ASTM D4052	839
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 HX8 X 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.