



Shell Helix *HX7 Plus 5W-30*

Fully synthetic technology motor oil - Helps to keep engines clean and running efficiently

Shell Helix HX7 Plus helps to keep engines clean and running efficiently by helping to prevent the formation of sludge and engine deposits. It is suitable for a wide variety of modern vehicles driven in demanding traffic conditions.

Redesigned for modern turbocharged engines. Flexi Molecule Technology adapts to engine conditions, to ensure more protection

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Shell's unique active cleansing technology:**
Actively locks away harmful performance-robbing deposits.¹
- **Excellent wear protection² :**
Helps to extend engine life by protecting against wear, even in daily traffic conditions.
- **Excellent resistance to degradation:**
Helps to maintain protection throughout the oil-drain interval.
- **Low viscosity and low friction**
Provides enhanced fuel economy ³
- **Low-temperature performance**
Faster oil flow for quicker engine warm-up ¹
- **Low-evaporation formulation ⁴**
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.⁵**

¹ Compared with Shell Helix mineral oils

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

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

⁴ Based on NOACK volatility test and equipment manufacturers' requirements

⁵ Based on Sequence IX LSPI test carried out at an independent laboratory.

Main Applications

- Shell Helix HX7 Plus 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 suitable for direct injection turbocharged gasoline engines where protection against low-speed pre-ignition (LSPI) is required.

Specifications, Approvals & Recommendations

- API SP
- ACEA A3/B4
- MB-Approval 229.3
- 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 Plus 5W-30
Density	@15°C	Kg/m ³	ASTM D4052	846
Kinematic Viscosity	@100°C	cSt	ASTM D445	11.8
Kinematic Viscosity	@40°C	cSt	ASTM D445	69.4
Viscosity Index			ASTM D2270	171
MRV	@-35°C	cP	ASTM D4684	11 800
Flash Point		°C	ASTM D92	230
Pour Point		°C	ASTM D97	-42

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 your Shell representative.

• Protect the Environment

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