



WITH
Shell
PUREPLUS
TECHNOLOGY

Shell Helix Ultra SP 5W-30

Fully synthetic motor oil - Shell's most advanced formulation for high performance engines



Redesigned for modern turbocharged engines. Made from natural gas to give you stronger, longer lasting engine performance.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Shell's latest active cleansing technology**
- **Meets ILSAC GF-6A fuel economy standards**

Enhanced fuel economy with a corresponding reduction in emissions ³
- **Unsurpassed sludge protection ¹**

No other motor oil can keep engines closer to factory clean¹
- **Unsurpassed wear protection ⁴**

Helps to extend engine life, even in the toughest driving conditions and harshest climates.
- **Active clean-up**

Helps to remove sludge left behind by inferior oils ⁵
- **Exceptional low-temperature performance**

Faster oil flow for quicker engine warm-up ³
- **Excellent resistance to oil degradation**

Helps to maintain protection throughout the oil drain interval.
- **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.

Main Applications

- Shell Helix Ultra SP's fully synthetic formulation offers Shell's maximum protection in very hot and extremely cold climates, and severe driving conditions.
- Suitable for modern gasoline engines fitted with catalytic converters and blow-by-gas recirculation.
- It is also suitable for use in modern direct injection turbocharged gasoline (TGDI) engine where it provides protection against damaging low-speed pre-ignition (LSPI).
- Also suitable for use with many hybrid vehicles.

Specifications, Approvals & Recommendations

- API SP
- ILSAC GF-6A
- GM dexos1™ Gen 3 (licence # D325ACCJ014, #D330AFFA800)
- Meets requirements of Chrysler MS-6395, Ford WSS-M2C961-A1, Fiat 9.55535-CR1

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.

¹ Based on Sequence VG sludge test using 5W-30

² Average percentage achieved based on ILSAC GF-6 and Sequence IIG pistons deposit tests using 5W-30

³ Compared with higher-viscosity oils

⁴ Based on Sequence IVA wear test using 5W-30

⁵ Based on severe sludge clean-up test

Typical Physical Characteristics

Properties			Method	Shell Helix Ultra SP 5W-30
Density	@15°C	Kg/m ³	ASTM D4052	837
Kinematic Viscosity	@100°C	cSt	ASTM D445	9.8
Kinematic Viscosity	@40°C	cSt	ASTM D445	53.9
Viscosity Index			ASTM D2270	170
Dynamic Viscosity	@-30°C	cP	ASTM D5293	4 480
MRV	@-35°C	cP	ASTM D4684	10 600
Flash Point	°C		ASTM D92	207
Pour Point	°C		ASTM D97	-48

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.