



# Shell Helix Ultra SP 5W-20

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

WITH  
**Shell**  
**PUREPLUS**  
**TECHNOLOGY**



Shell Helix Ultra SP uses its latest active cleansing technology to help gasoline engines operate to their full potential by keeping them as close as possible to factory clean. It provides unsurpassed sludge and wear protection.

## 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 <sup>3</sup>
- **Unsurpassed sludge protection <sup>1</sup>**  
No other motor oil can keep engines closer to factory clean<sup>1</sup>
- **Unsurpassed wear protection <sup>4</sup>**  
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 <sup>5</sup>
- **Exceptional low-temperature performance**  
Faster oil flow for quicker engine warm-up <sup>3</sup>
- **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.

<sup>1</sup> Based on Sequence VG sludge test using 5W-30

<sup>3</sup> Compared with higher-viscosity oils

<sup>4</sup> Based on Sequence IVA wear test using 5W-30

<sup>5</sup> Based on severe sludge clean-up test

### 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).

### Specifications, Approvals & Recommendations

- API SP
- ILSAC GF-6A
- Chrysler MS 6395
- GM dexos1™ Gen 2 (licence# D12502IK014)
- Ford WSS M2C945-A, M2C930-A

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 Ultra SP 5W-20
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.6
Kinematic Viscosity	@40°C	cSt	ASTM D445	45.9
Viscosity Index			ASTM D2270	167
Dynamic Viscosity	@-30°C	cP	ASTM D5293	6 510
MRV	@-35°C	cP	ASTM D4684	9 300
Density	@15°C	Kg/m <sup>3</sup>	ASTM D4052	837
Flash Point		°C	ASTM D92	234
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.