



# Shell Helix *Ultra SN PLUS 0W-20*

*Fully synthetic motor oil - The next oil generation for oil cleanliness.*



Shell Helix Ultra SN PLUS 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

#### • Ultimate Protection

Shell Helix Ultra SN PLUS is one of our first oils to meet the latest API SN PLUS performance classification. It provides excellent protection against:

- Wear
- Deposits
- Corrosion
- Oxidation

#### • Fuel Economy

In addition the low friction, low viscosity formulation can help improve fuel economy compared to other common viscosity grades.

#### • 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.

Shell Helix Ultra SN PLUS has been specially formulated to control LSPI events and exceeds the requirements of both the Ford and General motors LSPI tests.

### Main Applications

- Shell Helix Ultra SN PLUS's fully synthetic formulation offers Shell's maximum protection in very hot and extremely cold climates, and severe driving conditions.

- Shell Helix Ultra SN PLUS is specially designed for the latest turbocharged gasoline direct injection (TGDI) engines to protect against damaging low speed pre-ignition (LSPI).

Also suitable for modern gasoline engines fitted with catalytic converters and blow-by-gas recirculation where 0W-20 viscosity grades are required. Particularly suitable for engines from General Motors requiring the latest GM dexos1™ Gen 2 performance.

- Shell Helix Ultra SN PLUS 0W-20 is suitable for use in vehicles currently using SAE 5W-20 grades, providing enhanced engine protection and fuel economy<sup>1</sup>.

<sup>1</sup> Applicable to vehicles where an API SN PLUS, SN, SM, SL or ILSAC GF-5 oil is required

### Specifications, Approvals & Recommendations

- API SN PLUS
- API SN
- ILSAC GF-5
- ACEA A1/B1
- Chrysler MS-6395
- GM dexos1™ Gen 2 (licence D10716HK014)

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 SN PLUS 0W-20
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.60
Kinematic Viscosity	@40°C	cSt	ASTM D445	43.40
Viscosity Index			ASTM D2270	182
MRV Viscosity	@-40°C	cP	ASTM D4684	16 200

Properties		Method	Shell Helix Ultra SN PLUS 0W-20
Density	Kg/m <sup>3</sup>	ASTM D4052	836.0
Flash Point	°C	ASTM D92	204
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**

Shell Helix Ultra SN PLUS 0W-20 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 <http://www.epc.shell.com>

- **Protect the Environment**

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