



Shell Helix *Ultra Racing* 5W-40

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

Designed to meet the demanding requirements of particular high-performance engines, including those requiring API SN or ACEA A3/B4.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Shell's ultimate active cleansing technology**
Helps to protect high-performance engines from power- and performance-robbing deposits.
- **Superior wear and corrosion protection**²
Helps to extend engine life by protecting surfaces from wear and by helping to neutralise corrosive combustion acids.
- **Unsurpassed sludge protection**¹
No other motor oil can keep your engine closer to factory clean¹.
- **Used by Ferrari**
Developed in association with Ferrari for racing and modified engines.
- **Superior resistance to oil degradation**³
Helps to maintain protection in high-temperatures engines.
- **Low-evaporation formulation**⁴
Less evaporation from high-temperature piston surfaces.
- **Multi-fuel capability**
Can be used for gasoline, diesel and gas engines, and is also suitable for biodiesel and gasoline/ethanol blends.

¹ Based on Sequence VG sludge test results using 0W-40.

² Compared with API SN specification and based on Sequence IVA and Sequence VIII engine tests carried out at an independent laboratory.

³ Compared with API SN specification and based on Sequence IIIG oxidation and deposit tests carried out at an independent laboratory.

⁴ Based on NOACK volatility test and equipment manufacturers' requirements.

⁵ Based on a severe sludge clean-up test.

Main Applications

Extreme-performance engines and racing conditions can cause excessive wear of bearings and other engine components.

Shell Helix Ultra Racing 5W-40 has been formulated with a higher viscosity to provide exceptional bearing protection under extreme-performance and racing conditions compared with lower viscosity oils.

Shell Helix Ultra Racing 5W-40 is designed for modified engines and racing engines using gasoline, diesel and gas, and it is also suitable for biodiesel and gasoline/ethanol blends.

Specifications, Approvals & Recommendations

- API SN
- ACEA A3/B3, A3/B4
- Ferrari

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 Racing 5W-40
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.10
Kinematic Viscosity	@40°C	cSt	ASTM D445	79.10
Viscosity Index			ASTM D2270	168
MRV	@-35°C	cP	ASTM D4684	19 300
Density	@15°C	kg/m ³	ASTM D4052	840.3
Flash Point		°C	ASTM D92	242
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 Helix Ultra Racing 5W-40 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 <http://www.epc.shell.com>

• Protect the Environment

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