Shell **Helix** *Ultra Professional AS-L 0W-20*

Fully Synthetic Motor Oil - Tailored to meet engine manufacturer special requirements

Designed to meet the demanding requirements of particular high-performance engines, including Volvo cars and those requiring ACEA C5.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Fuel efficiency**

  Passes M111 test (CEC-L-54-96) for fuel economy with a minimum improvement of 3.4 % (average of three tests).

- **Engine wear and durability**

  Passes Sequence IVB wear test (ASTM D8350) for valvetrain wear

- **Engine cleanliness**

  Passes the VW TDI test (CEC L-117-20) for piston cleanliness. Passes DV6C (CEC L-106-16) oil dispersion at medium temperature test for viscosity increase & piston cleanliness. Passes Sequence VH sludge test (ASTM D8256) for engine sludge. Passes the M111 (M271S) black sludge test. Passes the demanding engine test required by Volvo cars.

Main Applications

- Shell Helix Ultra Professional AS-L for gasoline and diesel engines is designed to meet the technically challenging Volvo engine oil specification VCC RBS0-2AE. which combines the ACEA C5 specification engine tests with additional Volvo tests. This oil should only be used for the new VEA engine platform produced for 2015 onwards.
- Also suitable for use with hybrid vehicles

Specifications, Approvals & Recommendations

- Meets requirements of Volvo VCC RBS0-2AE Revision 3
- ACEA C5
- API SN

To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at:https://www.shell.com.au/motorists/oils-lubricants/lubematch.html#iframe=LyMv

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 Professional AS-L 0W-20
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.18
Kinematic Viscosity	@40°C	cSt	ASTM D445	41.89
Viscosity Index			ASTM D2270	174
MRV	@-40°C	cP	ASTM D4684	11 200
Density	@15°C	kg/m^3	ASTM D4052	832.7
Flash Point		°C	ASTM D92	232
Pour Point	100% vol	°C min	ASTM D97	-60

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 (SDS) which can be obtained from https://epc.shell.com

- **Protect the Environment**

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