



Shell Helix *Ultra AV-L 5W-30*

Maximises performance right up to the next oil change

Shell Helix Ultra AV-L is the latest-generation, fully synthetic engine oil designed specifically to provide the ultimate engine protection for almost all Volkswagen, Audi, Škoda and SEAT gasoline and diesel engines, including those with diesel particulate filters. It is approved by these manufacturers for normal and extended service.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Emission system protection**
Low SAPS formula to provide long life.
- **Superior protection against deposits**
Optimised additives for fuel-stratified engines to provide additional cleanliness compared with other oils, especially around the inlet valve.
- **Shell's ultimate active cleansing technology**
Provides the best engine protection by continuously preventing soot deposits from building up on engine surfaces.
- **Fuel economy**
Exceeds fuel economy requirements of Volkswagen cars.
- **Specially selected synthetic base oils**
Reduce oil volatility and therefore oil consumption and the need for top-up.
- **Long-term oxidation stability**
High levels of antioxidant give excellent oxidation protection.

- **Low viscosity, rapid oil flow and low friction**
Greater fuel efficiency and easier cold starting.
- **Environmental protection**
Special formulation reduces exhaust emissions.
- **High shear stability**
Maintains viscosity and stays in grade throughout the oil-change interval.

Main Applications

- Approved by Volkswagen for specification VW 504.00 and 507.00.

Specifications, Approvals & Recommendations

- VW: 504.00, 507.00
- Meets engine test performance requirements: ACEA C3, A3/B3, A3/B4
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			Method	Shell Helix Ultra AV-L 5W-30
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	73.9
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	12.0
Viscosity Index			ASTM D2270	159
Density	@15°C	kg/m ³	ASTM D4052	848
Pour Point			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 AV-L 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 Material 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.

Additional Information

■ Advice

Advice on applications not covered here may be obtained from your Shell representative.