



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

Maximise performance right up to the next oil change

Shell Helix Ultra AM-L is the latest generation fully synthetic engine oil designed specifically to meet the needs of all BMW gasoline and diesel engines, including those with diesel particulate filters. It is approved by BMW for normal and extended service (Europe).

It contains Shell's ultimate active cleansing technology to continuously prevent dirt and sludge build-up, thereby maximising engine performance right up to the next oil change.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Emission system protection**
Low SAPS formula to provide long life.
- **Specially selected synthetic base oils**
Reduce oil volatility and therefore oil consumption and the need for top-up.
- **Fuel economy**
Exceeds fuel economy requirements for BMW cars.
- **Shell's ultimate active cleansing technology**
Provides the best engine protection by continuously preventing soot deposits from building up on engine surfaces.
- **Long-term oxidation stability**
High levels of antioxidant give excellent oxidation protection.
- **High shear stability**
Maintains viscosity and stays in grade throughout the oil-change interval.

Main Applications

Approved for all BMW engines requiring specification BMW LL-04.

Specifications, Approvals & Recommendations

- ACEA: C3
- BMW: LongLife-04
- MB Approval: 229.51
- API SM/CF

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 AM-L 5W-30
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	71.5
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	11.8
Viscosity Index			ASTM D2270	162
Density	@15°C	kg/m ³	ASTM D4052	851
Pour Point			ASTM D97	-39

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 AM-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.