



Shell Helix *Ultra* AG 5W-30

Fully synthetic passenger car motor oil

Shell Helix Ultra AG 5W-30 is a unique, fully synthetic engine oil scientifically formulated to give you maximum engine clean up properties, with special cleansing agents that actively and continuously lock away harmful dirt and deposits. Shell Helix Ultra AG 5W-30 is specially formulated to give the ultimate in protection for the latest technology engines and is approved by leading car manufacturers such as General Motors in support of increased oil change intervals. Shell Helix Ultra AG 5W-30 also meets the requirement of Fiat specification 9.55535 S1.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

■ Ultimate protection and long engine life

In all driving conditions, including frequent stop and go such as city driving as well as at extremely high revs, and in all type of engines. The engines last longer than with conventional oils.

■ Peace of mind due to extended laboratory and field tests

Extensively tested and proven by Shell Technologists including field trials with key passenger cars.

■ Enhanced fuel economy and better cold starting

Low viscosity, rapid oil flow and low friction effectively contribute towards reducing fuel consumption and better cold starting.

■ Low oil consumption

The use of selected synthetic base oils reduces the oil volatility and therefore the oil consumption.

The need for oil top up is therefore reduced.

■ Extremely low chlorine content

Reduces the environmental impact due to the product disposal.

- Excellent protection for catalyst and turbo/multivalve cars
Exceeds industry standards.

Main Applications

Naturally aspirated, fuel injected, turbo-charged and multivalve passenger car gasoline engines approving the use of a 5W-30. Specifically intended for the latest General Motors engines for example in 2002 model Opel/Vauxhall Vectras and also suitable for older engines requiring a 5W-30 viscosity.

Specifications, Approvals & Recommendations

- API: SL/CF
- ACEA: A3/B4
- GM-LL-A-025 equivalent to Opel B-040-2095
- GM-LL-B-025 equivalent to Opel B-040-2098
- Fiat Specification 9.55535 S1

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			Method	Shell Helix Ultra AG 5W-30
SAE Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	mm²/s	EN ISO 3104	69.5
Kinematic Viscosity	@100°C	mm²/s	EN ISO 3104	11.7
Viscosity Index			ISO 2909	164
Density	@15°C	kg/m³	DIN 51757	854.4
Flash Point (COC)		°C	ISO 2592	230
Pour Point		°C	ISO 3016	-36

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 AG 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 your Shell representative.

■ 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.