



# Shell Helix *Ultra AH 5W-40*

*Synthetic technology motor oil - Helps to keep engines clean and running efficiently*

Shell Helix Ultra AH helps to keep engines clean and running efficiently by helping to prevent the formation of sludge and engine deposits. It is suitable for a wide variety of modern vehicles driven in demanding traffic conditions.

## Performance, Features & Benefits

### • Synthetic Technology:

Uses both synthetic and mineral base stocks to achieve higher performance levels than can be formulated from mineral oils alone.

### • Shell's unique active cleansing technology:

Actively locks away harmful performance-robbing deposits.

### • Active clean-up:

Helps to remove sludge left behind by inferior oils.<sup>1</sup>

### • Excellent wear protection<sup>2</sup> :

Helps to extend engine life by protecting against wear, even in daily traffic conditions.

### • Excellent resistance to degradation:

Helps to maintain protection throughout the oil-drain interval.

### • Low-temperature performance:

Faster oil flow for quicker engine warm-up.<sup>3</sup>

### • Low-evaporation formulation<sup>4</sup> :

Low oil consumption for less frequent top-up.

### • 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 a severe sludge clean-up test.

2 Based on Sequence IVA engine test carried out at an independent laboratory.

3 Compared with Shell Helix mineral oils.

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

## Main Applications

- Shell Helix Ultra AH can be used for Hyundai vehicles where an ACEA A3/B4 or API SN specification is recommended.

## Specifications, Approvals & Recommendations

- API SN
- ACEA A3/B4

To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at:

<http://lubematch.shell.com>

## Typical Physical Characteristics

Properties			Method	Helix Ultra AH 5W-40
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	14.45
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	87.42
Viscosity Index			ASTM D2270	172
MRV	@-35°C	cP	ASTM D4684	20200
Density		Kg/m <sup>3</sup>	ASTM D4052	843.3
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 AH 5W-40 (SN A3/B4) 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 [www.epc.shell.com](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.