



# Shell Helix *Ultra E* 5W-30

*Maximises performance right up to the next oil change*

Shell Helix Ultra E has been formulated with special base oils to reduce friction, thereby improving fuel consumption and exhaust emissions. It contains Shell's ultimate active cleansing technology to continuously prevent dirt and sludge build-up.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Formulated with special base oils**  
Reduces friction to improve fuel consumption and lessen exhaust emissions.
- **Shell's ultimate active cleansing technology**  
Up to five times more effective at removing sludge from dirty engines than a mineral oil.
- **Long-term oxidation stability**  
Up to 30% more protection than other fully synthetic leading brands tested.
- **Low viscosity, rapid oil flow and low friction**  
Up to 2.2% greater fuel efficiency compared with a 15W-40 mineral oil and easier cold starting.
- **High shear stability**  
Maintains viscosity and stays in grade throughout the oil change interval.
- **Specially selected synthetic base oils**  
Reduce oil volatility and therefore oil consumption and the need for top-up.
- **Minimises vibration and engine noise**  
Smoother, quieter drive.

### Main Applications

- Suitable for fuel-injection petrol engines fitted with blow-by gas recirculation and catalytic converters operating in extreme driving conditions. Also suitable for turbo-charged and intercooled direct-injection high-performance diesel engines fitted with blow-by gas recirculation and exhaust gas recirculation without particulate filters.

### Specifications, Approvals & Recommendations

- Meets the engine test requirements of SN/CF
  - ACEA: A3/B3, A3/B4
  - VW: 502.00, 505.00
  - MB Approval: 229.5
  - BMW: LL-01
- 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 E 5W-30
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	cSt	IP 71	68.2
Kinematic Viscosity	@100°C	cSt	IP 71	12.2
Density	@15°C	kg/l	IP 365	0.840
Flash Point (PMCC)			IP 34	215
Pour Point			IP 15	-39
HTHS Viscosity	@150°C	m PaS		3.5

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 E 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

### ■ Competitor benchmarking

Shell Helix Ultra E offers up to 30% more protection than other leading brands tested.

### ■ Advice

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