



# Shell Helix Diesel Ultra 5W-40

*Maximum Diesel engine clean-up and protection for better responsiveness and improved performance.*

Shell Helix Diesel Ultra has been formulated with ultimate active cleansing technology. It works harder to protect than conventional motor oils by continuously preventing soot deposits from building up on engine surfaces. For better responsiveness and improved performance, enabling your engine to operate at its full potential right up to the next oil change.

Shell Helix Diesel Ultra offers engine noise reduction and gives you a responsive and quieter drive.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Maximum engine clean-up and noise reduction**  
Actively and continuously lock away harmful dirt and deposits. Shell Helix Diesel Ultra offers engine noise reduction and gives you a responsive and quieter drive.
- **Ultimate protection and long engine life**  
In all driving conditions, including frequent stop and go city driving as well as at extremely high revs, and in all type of engines.
- **Enhanced fuel economy**  
Low viscosity, rapid oil flow and low friction effectively contribute towards reducing fuel consumption.
- **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.
- **Excellent protection for turbo-charged cars**
- **Extremely low chlorine content**  
It reduces the environmental impact due to the product disposal.
- **High shear stability**  
To maintain viscosity and stay in grade.

### Main Applications

- Turbo-charged and inter-cooled direct injection high performance diesel engines fitted with 'blow-by' recirculation and exhaust gas recirculation.

### Specifications, Approvals & Recommendations

- API: CF
- ACEA: B3/B4
- BMW: LL-01
- Meets Renault RN 0710
- Meets Fiat 9.55535-Z2
- MB Approval: 229.5
- VW: 502.00/505.00/503.01

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	Helix Diesel Ultra 5W-40 (CF/B4)
Viscosity Grade				5W-40
Kinematic Viscosity	@40°C	cSt	IP 71	74.4
Kinematic Viscosity	@100°C	cSt	IP 71	13.1
Density	@15°C	kg/l	IP 365	0.840
Flash Point (PMCC)		°C	IP 34	215
Pour Point		°C	IP 15	-39
HTHS Viscosity	@150°C	m PaS		3.68

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 Diesel Ultra 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.