



# Shell Helix Diesel HX7 10W-40

*Exceptional engine clean-up in all driving conditions for more responsiveness.*

Shell Helix Diesel HX7 has been formulated with special 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, right up to the next oil change.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Special active cleansing technology**  
Works harder to protect than conventional mineral oils by continuously preventing soot deposits building up on engine surfaces.
- **Enhanced oxidation stability**  
Up to 19% more protection than other leading synthetic technology oils tested.
- **Low viscosity rapid oil flow and low friction**  
Improved fuel efficiency compared to higher viscosity oils.
- **High shear stability**  
To maintain viscosity and stay in grade throughout the oil drain period.
- **Specially selected synthetic base oils**  
Reduces the oil volatility and therefore the oil consumption. The need for oil top-up is reduced.
- **Minimises vibration and engine noise**  
Smoother, quieter drive.

### Main Applications

- Synthetic technology oil that is suitable for use in turbo-charged and inter-cooled direct injection diesel engines fitted with blow-by recirculation.

### Specifications, Approvals & Recommendations

- API: CF
- ACEA: A3/B3/B4
- JASO: SG+
- MB Approval: 229.3
- VW: 505.00

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 Diesel HX7 10W-40
Viscosity Grade				10W-40
Kinematic Viscosity	@40°C	cSt	IP 71	92.1
Kinematic Viscosity	@100°C	cSt	IP 71	14.4
Density	@15°C	kg/l	IP 365	0.880
Flash Point (PMCC)			IP 34	220
Pour Point			IP 15	-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 Diesel HX7 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

### ■ Trade-up Information

Shell Helix Diesel HX7 offers up to 24% more protection from oil degradation than Shell Helix HX5.

### ■ Competitor benchmarking

Shell Helix Diesel HX7 offers up to 19% more protection than other leading brands tested.

### ■ Advice

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