



Shell Helix HX5 Diesel 15W-40

Premium multi-grade motor oil - Helps to remove sludge from dirty engines

Shell Helix HX5 Diesel is designed to provide consistent light-duty diesel engine performance. It works hard to help protect against harmful soot deposits and wear by helping to control the oil thickness.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Active cleansing technology**
Helps to protect against the build-up of piston deposits for continuing engine efficiency.
- **Demonstrated wear protection**
Exceeds performance limits in piston ring, cylinder liner and valve train wear tests for long engine life ²
- **Resistance to thermal breakdown**
Excellent control of heat-induced thickening to ensure good oil flow, even under severe conditions.
- **Premium multigrade formulation**
Helps to provide protection in everyday daily driving conditions.

¹ Based on Sequence IVA engine test carried out at an independent laboratory

² Based on Mack T9, Cummins M 11 and GM 6.5 wear tests

Main Applications

- Shell Helix HX5 Diesel's premium multigrade formulation helps to provide protection in everyday daily driving conditions. Shell Helix HX5 Diesel can be used for passenger car diesel engines requiring API CH-4, and it is also suitable for biodiesel.

Specifications, Approvals & Recommendations

- API CH-4
- To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at: <http://lubematch.shell.com>
- Advice on applications not covered here may be obtained from your Shell or Shell Lubricants distributor representatives or technical help desks.

Typical Physical Characteristics

Properties			Method	Shell Helix HX5 Diesel 15W-40
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.8
Kinematic Viscosity	@40°C	cSt	ASTM D445	101.6
Viscosity Index			ASTM D2270	135
MRV	@-25°C	cP	ASTM D4684	23500
Density	@15°C	kg/m ³	ASTM D4052	883
Flash Point		°C	ASTM D92	225
Pour Point		°C	ASTM D97	-30

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 HX5 Diesel 15W-40 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

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.