Technical Data Sheet

Shell **Helix** *HX3 Diesel 20W-50*

Mono-grade motor oil - Reliable protection for older engines

Shell Helix HX3 Diesel helps provide reliable protection for older light-duty diesel engines. It helps to prevent sludge and reduce wear.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Active cleansing technology**

  Helps to protect against harmful sludge and varnish deposits.

- **Anti-wear additive**

  Provides reliable wear protection.

- **High viscosity**

  Helps to reduce leaks in older, high-mileage engines.

Main Applications

- Shell Helix HX3 Diesel's multigrade formulation helps to protect the engines of older, higher-mileage vehicles in everyday driving conditions.
- Shell Helix HX3 Diesel has a higher viscosity than ordinary oils, which helps to reduce oil leaks and to prolong the life of the engine.

Specifications, Approvals & Recommendations

- API CF
- 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 HX3 Diesel 20W-50
Kinematic Viscosity	@100°C	cSt	ASTM D445	17.86
Kinematic Viscosity	@40°C	cSt	ASTM D445	159.9
Viscosity Index			ASTM D2270	123
MRV	@-20°C	cP	ASTM D4684	33600
Density	@15°C	kg/m^3	ASTM D4052	888.0
Flash Point		°C	ASTM D92	257
Pour Point		°C	ASTM D97	-31

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 HX3 Diesel 20W-50 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.