Shell Helix *HX3 20W-50*

Shell Helix HX3 has been formulated with cleansing technology to stop dirt and sludge building up and therefore help protect and prolong the life of the engine.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Formulated with cleansing agent technology**
  Helps to stop dirt and sludge building up and therefore protect and prolong the life of the engine.

- **Dependable protection**
  Resists oil degradation throughout the recommended oil drain interval.

- **Superior viscosity retention**
  Easier cold starting compared to monograde oils.

Main Applications

- Gasoline vehicles fitted with a carburettor and 'blow-by' re-circulation.

- Naturally aspirated or turbo-charged indirect injection diesel engines.

Specifications, Approvals & Recommendations

- API: SG/CD

  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	HX 3 20W-50
Viscosity Grade				20W-50
Kinematic Viscosity	@40^{0}C	cSt	IP 71	171
Kinematic Viscosity	@100^{0}C	cSt	IP 71	19
Viscosity Index			IP 226	126
Density	@15^{0}C	kg/l	IP 365	0.888
Flash Point (PMCC)		^{0}C	IP 34	245
Pour Point		^{0}C	IP 15	-27

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 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.