



Shell Helix *HX7 10W-40*

Cleans and protects for extra responsiveness

Shell Helix HX7 has been formulated with special active cleansing technology. It works harder to protect than conventional motor oils by continuously helping to prevent dirt and sludge build-up for better responsiveness right up to the next scheduled oil change.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Special active cleansing technology**
Up to twice as effective at removing sludge from dirty engines as a normal mineral oil.
- **Enhanced oxidation stability**
Up to 19% more protection than other leading synthetic technology products tested.
- **Low viscosity, rapid oil flow and low friction**
Greater fuel efficiency.
- **High shear stability**
Maintains viscosity and stays in grade throughout the oil change interval.
- **Specially selected synthetic base oils**
Reduce oil volatility and therefore oil consumption and the need for top-up.
- **Minimises vibration and engine noise**
Smoother, quieter drive.

Main Applications

Suitable for fuel-injection gasoline engines fitted with 'blow-by' gas recirculation and catalytic converters. Also suitable for turbo-charged and intercooled, direct-injection diesel engines fitted with 'blow-by' gas recirculation without particulate filters.

Specifications, Approvals & Recommendations

- API: SN/CF
- ACEA: A3/B3/B4
- JASO: SG+
- MB Approval: 229.3
- VW: 502.00/505.00
- Renault: RN 0700
- Fiat: 9.55535-G2 (meets requirements)

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 HX7
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)		°C	IP 34	220
Pour Point		°C	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 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

▪ Advice

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