



# Shell Helix *HX7 5W-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 compared with 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, A3/B4
- VW: 502.00, 505.00
- MB Approval: 229.3
- JASO SG+
- GM LL-B-025
- Renault: RN0700, RN0710.
- PSA B71 2296
- Helix HX7 5W-40 meets the requirements of FIAT 9.55535-N2 & 9.55535-M2

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 5W-40
Viscosity Grade				5W-40
Kinematic Viscosity	@40°C	cSt	ASTM D445	82.5
Kinematic Viscosity	@100°C	cSt	ASTM D445	14.4
Density	@15°C	kg/l	ASTM D4052	0.860
Flash Point (PMCC)			ASTM D93	220
Pour Point			ASTM D97	-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.