



Shell Helix *HX7 C 5W-40*

Exceptional engine cleansing in all driving conditions, refreshing and protecting your car

Shell Helix HX7 C has been formulated with special base oils that thicken less than mineral oils, making engine starting easier. Shell Helix HX7 C also has special active cleansing technology. It works harder to protect than conventional motor oils by continuously preventing dirt and sludge build-up. For better responsiveness, right up to the next oil change.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Formulated with special base oils**
Thickens less than conventional oils, making engine starting easier in cold temperatures.
- **Special active cleansing technology**
Twice as effective at removing sludge from dirty engines than 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.**
Improved fuel efficiency compared to higher viscosity oils and easier cold starting.
- **High shear stability**
To maintain viscosity and stay in grade throughout the recommended oil drain period.
- **Specially selected synthetic base oils**
Reduces the oil volatility and therefore the oil consumption.
The need for oil top-up is reduced.
- **Minimises vibration and engine noise.**
Smoother, quieter drive.

Main Applications

- Suitable for fuel-injected petrol engines fitted with 'blow-by' re-circulation and catalytic converters.
- Also suitable for turbo-charged and inter-cooled direct injection diesel engines fitted with 'blow-by' re-circulation without particulate filters.

Specifications, Approvals & Recommendations

- MB Approval: 229.3
- VW: 502.00/505.00
- GM: LL-B-025
- Fiat: 9555.35 M2/N2 (meets requirements)
- Renault: RN0700, RN0710
- API: SL/CF
- ACEA: A3/B3, A3/B4
- JASO: SG+
- 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 C 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	-42
HTHS Viscosity	@150°C	PaS	ASTM D4741	3.6

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 C 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

■ Trade-up Information

Shell Helix HX7 C offers up to 24 % more protection from oil degradation and up to 34% more shear stability than Shell Helix HX5, so why not persuade your customers to trade up?

■ Competitor benchmarking

Shell Helix HX7 C offers up to 19% more protection than other synthetic technology oils tested from leading brands.

■ Advice

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