



Shell Helix *HX7 E 5W-30*

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

Shell Helix HX7 E has been formulated with special base oils to reduce friction, improving fuel consumption and exhaust emissions. Shell Helix HX7 E also contains 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**
 Reduces friction, improving fuel consumption and exhaust emissions. This lowers the carbon footprint of the vehicle.
- **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.
- **Minimises vibration and engine noise.**
 Smoother, quieter drive.

Main Applications

Suitable for fuel-injected petrol engines fitted with 'blow-by' recirculation and catalytic converters.
 Also suitable for turbo-charged and inter-cooled direct injection diesel engines fitted with 'blow-by' recirculation with particulate filters.

Specifications, Approvals & Recommendations

- MB Approval: 229.31
- BMW: LL-04
- VW: 502.00/505.00
- API: SM/CF
- ACEA: C3,

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 E 5W-30
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	cSt	IP 71	67.11
Kinematic Viscosity	@100°C	cSt	IP 71	11.8
Density	@15°C	kg/l	IP 365	0.850
Flash Point (PMCC)			IP 34	220
Pour Point			IP 15	-36
HTHS Viscosity	@150°C	m PaS		3.5

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 E 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 E offers up to 24 % more protection from oil degradation and up to 34% more shear stability than Shell Helix HX5. Twice as effective as Shell Helix HX3 at removing sludge from dirty engines so why not persuade your customers to trade up?

■ Competitor benchmarking

Shell Helix HX7 E 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.