Technical Data Sheet

# Shell **Helix** *HX7 G 10W-40*

***Exceptional engine clean-up in all driving conditions for more responsiveness.***

Shell Helix HX7 G 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**
  Improved fuel efficiency compared to high viscosity oils.
- **High shear stability**
  To maintain viscosity and stay in grade throughout the recommended oil change period.
- **Specially selected synthetic base oils**
  Reduce the oil volatility and therefore the oil consumption and the need for oil top-up.
- **Minimises vibration and engine noise**
  Smoother, quieter drive.

### Main Applications

Suitable for fuel-injection engines fitted with 'blow-by' gas recirculation and catalytic converters using gas or gasoline fuel.

### Specifications, Approvals & Recommendations

- API SN/CF
- ACEA A3/B3/B4

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

### Typical Physical Characteristics

| Properties | | | Method | Shell Helix HX7 G (SN/CF A3/B4) |
|---|---|---|---|---|
| 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 G 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

- **Competitor Benchmarking**

  Shell Helix HX7 G offers up to 19% more protection than other leading brands tested.

- **Advice**

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