

# Shell Helix HX7 10W-30 & 10W-40

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

Shell Helix HX7 has been formulated with special active cleansing technology. It works harder to protect than conventional motor oils by continuously preventing dirt and sludge build-up. In addition to offering superior engine protection for all driving conditions, Shell Helix HX7 cleans and protects for more responsiveness.

## Applications

- Synthetic technology oil that is 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.

## Performance Features

- **Special active cleansing technology.**  
Twice as effective at removing sludge from dirty engines than 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 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.

Shell Helix HX 7 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 offers up to 19% more protection than other leading brands tested.

## Health & 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 industrial and personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

## Protect the environment

Take used oil to an authorised used oil collection point. Do not discharge into drains, soil or water.

## Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

## Trade-up information

June 2008



## Performance Specifications

Shell Helix HX7 exceeds the requirements of the following industry standards:-

<i>Shell Helix HX7</i>	<b>10W-30</b>	<b>10W-40</b>
<b>API</b>	SL/CF	SL/CF
<b>ACEA</b>	A3 / B3/B4	A3 /B3/ B4
<b>JASO</b>	'SG+'	'SG+'
<b>Mercedes Benz</b>	229.1	229.1
<b>VW</b>	505.00	505 00

## Typical Physical Characteristics

<i>Shell Helix HX7</i>	<b>10W-30</b>	<b>10W-40</b>
<b>SAE Viscosity Grade</b>	10W-30	10W-40
<b>Kinematic viscosity (IP 71)</b>		
@ 40°C                      cSt	79.5	92.1
@ 100°C                     cSt	12.3	14.4
<b>Density @ 15°C (IP 365) kg/l</b>	0.88	0.88
<b>Flash Point (IP 34) °C</b>	220	220
<b>Pour Point (IP 15) °C</b>	-42	-39

These characteristics are typical.

Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

