



Shell Helix Diesel HX7 AV 5W-30

For extra responsiveness right up to the next oil change

Shell Helix Diesel HX7 AV is the latest generation synthetic technology engine oil designed specifically to meet the needs of all Volkswagen pump injected four cylinder engines. Also meets the requirements of Ford four cylinder pump injected diesel engines. Approved by Volkswagen and Audi for their diesel engine specification VW 505.01. Contains Shell's special active cleansing technology to continuously prevent dirt and sludge build-up, maintaining responsiveness right up to the next oil drain.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Excellent engine protection, specifically in four cylinder diesel pump injector engines**
Allows long engine life through wear and deposit prevention in the critical engine parts. Also provides soot and oxidation control.
- **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 synthetic technology leading products tested.
- **Low viscosity, rapid oil flow and low friction**
Greater fuel efficiency.
- **High shear stability**
To maintain viscosity and stay in grade throughout the oil drain period.

- **Specially selected synthetic base oils**
Reduces the oil volatility and therefore the oil consumption. The need for oil top-up is therefore reduced.
- **Minimise vibration and engine noise**
Smoother, quieter drive.

Main Applications

- Approved by Volkswagen and Audi for their diesel engine specification VW 505.01.

Specifications, Approvals & Recommendations

- ACEA: C3
- VW: 502.00/505.00/505.01

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 Diesel HX7 AV 5W-30
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	mm ² /s	EN ISO 3104	69.5
Kinematic Viscosity	@100°C	mm ² /s	EN ISO 3104	11.7
Viscosity Index			ISO 2909	164
Density	@15°C	kg/m ³	DIN 51757	854.4
Flash Point (COC)			ISO 2592	230
Pour Point			ISO 3016	-36

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 Diesel HX7 AV 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

■ Advice

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