



Shell Helix HX7 Professional AV 5W-30

Synthetic Technology Motor Oil - Tailored to meet engine manufacturer special requirements

Designed to meet the demanding requirements of particular high-performance engines, including Audi and VW, and those requiring ACEA C3.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Fuel efficiency**

Passes the ACEA fuel economy M111FE (CEC-L-54-T-96) with a minimum of 2.5% fuel efficiency improvement (average of three results).

- **Volkswagen specific in-house tests**

Passes the VW PV 1449 (T4) for viscosity increase and piston deposits.

Passes the VW PV1452 (TDI) for ring sticking and piston cleanliness.

Passes the VW seals tests.

- **Engine wear and durability**

Passes sequence IVB wear test (ASTM D8350) for valvetrain wear

- **Engine cleanliness**

Passes the Peugeot TU5JP-L4 high-temperature deposits (CEC-L-88-T-02) for ring sticking and piston varnish.

Passes the VW TDI piston cleanliness test (CEC-L-78-T-99).

Passes sequence VH sludge test (ASTM D8256) for engine sludge and varnish.).

Main Applications

- Shell Helix HX7 Professional AV 5W-30 is approved against the technically challenging VW 505.00/505.01 specifications.

Specifications, Approvals & Recommendations

- ACEA C3
- VW 505.00/505.01

To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at: <http://lubematch.shell.com>

Advice on applications not covered here may be obtained from your Shell or Shell Lubricants distributor representatives or technical help desks.

Typical Physical Characteristics

Properties	Method	Shell Helix HX7 Professional AV 5W-30
Kinematic Viscosity @100°C cSt	ASTM D445	12.18
Kinematic Viscosity @40°C cSt	ASTM D445	70.82
Viscosity Index	ASTM D2270	171
MRV @-35°C cP	ASTM D4684	32900
Density @15°C kg/m ³	ASTM D4052	853.4
Flash Point °C	ASTM D92	230
Pour Point °C	ASTM D97	-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 HX7 Professional AV 5W-30 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 Safety Data Sheet, which can be obtained from <https://www.epc.shell.com>

- **Protect the Environment**

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