



# Shell Helix Ultra ECT 5W-30

Fully synthetic motor oil - Shell's ultimate protection for vehicle emission systems



Shell Helix Ultra ECT features its most advanced emissions-compatible technology that helps to keep diesel particulate filters clean to help maintain engine performance. It helps to reduce engine friction to provide enhanced fuel economy.

## Proud Drivers Choose Shell Helix

### Performance, Features & Benefits

- **Shell's most advanced emissions-compatible technology (ECT) for low-SAPS oil**

Protects emission systems by helping to keep diesel particulate filters clean.

- **Shell's ultimate active cleansing technology**

Helps to protect high-performance engines from power and performance-robbing deposits.

- **Unsurpassed sludge protection**

No other motor oil can keep your engine closer to factory clean <sup>1</sup>

- **Developed with special antioxidants**

Helps to provide excellent oxidation protection throughout the oil-drain interval.

- **Low viscosity and low friction**

Up to 1.7% greater fuel economy <sup>2</sup>

- **Exceptional low-temperature performance**

Faster oil flow for quicker engine warm-up <sup>3</sup>

- **High resistance to mechanical stress**

Maintains viscosity and stays in grade throughout the oil-change interval.

- **Low evaporation formulation**

Low oil consumption for less frequent top-up.

<sup>1</sup> Based on Sequence VG sludge test results using 5W-30

<sup>2</sup> Based on ACEA M 111 fuel economy results vs the industry reference oil

<sup>3</sup> Compared with higher viscosity oils

### Main Applications

- Shell Helix Ultra ECT's fully synthetic formulation uses Shell's most advanced emissions-compatible technology that helps protect gasoline engine exhaust catalysts and helps to keep diesel particulate filters clean and protected from ash build-up that can block the exhaust system and lead to reduced engine performance.
- Shell Helix Ultra ECT can be used for modern gasoline engines, diesel engines with particulate filters and gas engines.
- Meets the engine performance requirements of ACEA C3.

### Specifications, Approvals & Recommendations

- BMW-LL-04
- MB-Approval 229.51
- VW 504.00/ 507.00
- Porsche C30
- 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 Ultra ECT 5W-30
Kinematic Viscosity	@100°C	cSt	ASTM D445	12.02
Kinematic Viscosity	@40°C	cSt	ASTM D445	73.95
Viscosity Index			ASTM D2270	159
MRV	@-35°C	cP	ASTM D4684	17000
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	852.0
Flash Point		°C	ASTM D92	240
Pour Point		°C	ASTM D97	-48

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 Ultra ECT 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 Material Safety Data Sheet, which can be obtained from [www.epc.shell.com](http://www.epc.shell.com)

### • Protect the Environment

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