



WITH
Shell
PUREPLUS
TECHNOLOGY

Shell Helix *Ultra ECT C5 0W-20*

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



Shell Helix Ultra ECT C5 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 Helix Ultra ECT C5 0W-20 provides up to 3.3% greater fuel economy.¹
- Shell Helix Ultra ECT C5 0W-20 on average provides up to 70% better piston deposit protection and 50% better piston cleanliness² – these results far exceed the industry-standard requirements.
- On average 60% better wear protection¹ than API SN limits at 95% statistical confidence.³
- Shell Helix Ultra ECT C5 0W-20 with PurePlus Technology provides exceptional sludge control and excellent turbocharger protection.⁴
- Shell Helix Ultra ECT C5 0W-20 with PurePlus technology provides up to 30% better corrosion protection.⁵

1 Based on ACEA M111 fuel economy results compared with the industry reference oil

2 Based on ACEA DV6C and OM646LA Bio engine test results compared with ACEA C5 specification

3 Based on API Sequence IVA engine test results compared with API SN specifications

4 Based on turbocharger test in ACEA EP6CDT and OM646LA Bio results compared with ACEA C5

5 Based on Sequence VIII corrosion test vs API SN specification

Main Applications

- Shell Helix Ultra ECT C5's fully synthetic formulation uses Shell's most advanced emissions-compatible technology to help gasoline engine exhaust catalysts and keep diesel particulate filters clean and protects it from ash build-up that can block the exhaust system and lead to reduced engine performance.
- Shell Helix Ultra ECT C5 can be used for modern gasoline engines, diesel engines with particulate filters and gas engines.

Specifications, Approvals & Recommendations

- API SN
- ACEA C5
- BMW LL-17 FE+
- MB-Approval 229.71
- 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 helpdesks.

Typical Physical Characteristics

Properties			Method	Shell Helix Ultra ECT C5 0W-20
Kinematic Viscosity	@100°C	cSt	ASTM D445	7.93
Kinematic Viscosity	@40°C	cSt	ASTM D445	38.64
Viscosity Index			ISO 2909	183
Dynamic Viscosity	@-35°C	cP	ASTM D5293	4 350
MRV	@-40°C	cP	ASTM D4684	11 600
Density	@15°C	kg/m ³	ASTM D4052	834
Flash Point		°C	ASTM D92	232

Properties	Method	Shell Helix Ultra ECT C5 0W-20
Pour Point °C	ASTM D97	-47

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**

This product 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 <http://www.epc.shell.com>

- **Protect the Environment**

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