



# Shell Helix *Ultra ECT C3 5W-30*

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



Shell Helix Ultra ECT C3 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 advanced emissions-compatible technology for low-SAPS oil**  
Protects emission systems by helping to keep diesel particulate filters clean.
- **Unsurpassed sludge protection**  
No other motor oil cleans your engine better<sup>1</sup>
- **Low viscosity and low friction**  
Up to 1.7% greater fuel economy<sup>2</sup>
- **Exceptional low-temperature performance**  
Faster oil flow for easier starting and 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.
- **Shell's ultimate active cleansing technology**  
Helps to protect high-performance engines from power- and performance-robbing deposits.
- **Developed with special antioxidants**  
Helps to provide excellent oxidation protection throughout the oil-drain interval.

<sup>1</sup> Based on Sequence VG sludge test results using 0W-30

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

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

### Main Applications

- Shell Helix Ultra ECT C3'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 can be used for modern gasoline engines, diesel engines with particulate filters and gas engines.

### Specifications, Approvals & Recommendations

- ACEA C3
- API SN
- MB-Approval 229.51, 229.31
- BMW LL-04
- GM dexos2™ - Licence number GB2C0710014
- Chrysler MS-11106
- 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 C3<br>5W-30 |
|---------------------|--------|-------------------|------------|-----------------------------------|
| Kinematic Viscosity | @100°C | cSt               | ASTM D445  | 12.11                             |
| Kinematic Viscosity | @40°C  | cSt               | ASTM D445  | 69.02                             |
| Viscosity Index     |        |                   | ASTM D2270 | 174                               |
| MRV                 | @-35°C | cP                | ASTM D4684 | 14 500                            |
| Density             | @15°C  | kg/m <sup>3</sup> | ASTM D4052 | 836.1                             |
| Flash Point         |        | °C                | ASTM D92   | 238                               |
| Pour Point          |        | °C                | ASTM D97   | -45                               |

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 C3 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 (MSDS), 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.