



## Racing Engine Oil

## 0W-20

### Application

Shell Helix Racing Engine Oil 0W-20 is a semi-synthetic high performance lubricant developed to provide high levels of engine protection and maximum engine power output for Formula 3 type engines.

### Specification

Shell Helix Racing Engine Oil 0W-20 was developed with Mugen to meet their stringent requirements for their engines used in Formula 3 events throughout the world. The product is therefore dedicated to racing engines only. It is not appropriate for on-highway applications.

### Physical Characteristics

Viscosity Grade		SAE 0W-20
Kinematic Viscosity	@ 40°C	35.1 mm <sup>2</sup> /s
	@ 100°C	7.35 mm <sup>2</sup> /s
Viscosity Index		182
Dynamic Viscosity	@ -35°C	4340 mPas
Density	@ 15°C	857 kg/m <sup>3</sup>
Flash Point	COC	218°C
Pour Point		-51°C

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

### Characteristics

Shell Helix Racing Engine Oil 0W-20 was painstakingly developed specifically for the engine technology of high performance F3 racing engines.

### High Power/ Wear Protection

The formulation was carefully optimised to maximise engine power output without detriment to engine wear.

### Unique Technology

Shell technologists developed the lubricant formulation, which exploits advanced Shell XHVI base oils and a unique combination of performance additives.

### Dedicated Testing

The product has been extensively tested in the laboratory, on the test bench and in competitive Formula 3 racing.

### Health, Safety and the Environment

Shell Helix Racing Engine Oil 0W-20 is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health and Safety refer to the appropriate Shell Product Safety Data Sheet.

### Protect the Environment

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



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Please contact Shell Racing Solutions for further information

Europe

Tel: +44 151 373 5950

Asia-Pacific

Tel: +60 3 2170 3888

North America

Tel: +1 866 312 8498

Email us at [shellracing@shell.com](mailto:shellracing@shell.com)

Or visit our website at [www.shell.com/globalsolutions/racing](http://www.shell.com/globalsolutions/racing)

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