



# Shell Helix Ultra DC 225.10 5W-30

*Fully Synthetic Factory Fill Passenger Car Motor Oil*

Shell Helix Ultra DC 225.10 5W-30 is specially formulated and approved to meet the demands of Mercedes Benz factory fill specification 225.10 for passenger cars.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Filterability**  
This specification has more stringent requirements on filterability than the corresponding Service Fill spec. MB 229.5. Longer oil drain intervals.
- **Protection against wear**  
Enriched with long life additives and protective agents to provide a prolonged protection against sludge and to ensure maximum engine protection against costly engine wear, even in the toughest driving conditions and harshest climates.
- **Environmental protection**  
Specially formulated to reduce CO<sub>2</sub> (greenhouse gas) exhaust emissions. The use of selected synthetic base oils reduces oil consumption. An extremely low Chlorine content reduces the environmental impact of product disposal.
- **Easy start-up**  
Even in cold conditions rapid oil flow assures any easy start and contributes to engine protection.

### Main Applications

Mercedes Benz factory fill where the specification MB 225.10 is required.

### Specifications, Approvals & Recommendations

- MB Factory Fill: 225.10
- API: SH/CF
- ACEA: A3/B3/B4-98

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

### Typical Physical Characteristics

Properties			Method	Helix Ultra DC
Viscosity Grade				5W-30
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	64.7
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	11.4
Viscosity Index			ISO 2909	173
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	848
Pour Point			ISO 3016	-42

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 DC 225.10 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 <http://www.epc.shell.com/>

- **Protect the Environment**

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

### **Additional Information**

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.