Technical Data Sheet

FormulaShell **SAE 10W-30** ***Motor Oil***

Conventional Motor Oil

FormulaShell® Motor Oil is formulated to provide wear protection and helps protect against the formation of sludge, varnish and rust.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

FormulaShell® SAE 10W-30 is a multigrade motor oil formulated to:

- Help reduce engine friction.
- Protect against the formation of sludge, varnish and rust.
- Protection against harmful deposits and acids, which aids in a clean running engine.

Main Applications

- FormulaShell® SAE 10W-30 Motor Oil is recommended for use in all vehicles requiring the use of SAE 10W-30 viscosity grade engine oils under all driving conditions.
- It can be mixed with other synthetic or mineral oils. Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

Specifications, Approvals & Recommendations

Exceeds the requirements of the following industry and OEM specifications:

- API SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC Standards
- Chrysler MS-6395

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	FormulaShell SAE 10W-30 Motor Oil
Kinematic Viscosity	@40°C	cSt	ASTM D445	69.98
Kinematic Viscosity	@100°C	cSt	ASTM D445	10.63
Viscosity Index			ASTM D2270	140
Dynamic Viscosity	@-25°C	cP	ASTM D5293	5 730
MRV	@-30°C	cP	ASTM D4684	17 300
Density	@15°C	kg/m^3	ASTM D4052	867.7
Flash Point		°C	ASTM D92	240
Flash Point		°C	ASTM D93	215
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.

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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 https://www.epc.shell.com

  Safety data sheet available on request. For Health Emergencies or Consumer Information call 1-877-276-7285.

- **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 Lubricants distributor representative or Shell Technical Help Desk.

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