



# FormulaShell<sup>®</sup> Synthetic SAE 5W-30 Motor Oil

## Full Synthetic Motor Oil

Formula Shell<sup>®</sup> Synthetic Motor Oil is formulated to provide enhanced wear protection and outstanding resistance to thermal breakdown at high operating temperatures.

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

- FormulaShell<sup>®</sup> Synthetic SAE 5W-30 is FormulaShell's finest motor oil, formulated to provide excellent engine protection and performance compared to conventional motor oil.
- Excellent low and high temperature protection.
- Resistance to thermal breakdown at high operating temperatures.
- Protection against harmful deposits and acids, which aids in a clean running engine.

#### Main Applications

FormulaShell<sup>®</sup> Synthetic 5W-30 Motor Oil is recommended for use in all vehicles requiring the use of SAE 5W-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

- General Motors GM 6094M
- Chrysler MS 6395
- Ford WSS-M2C946-A, M2C946-B1

Exceeds the requirements of the following industry specifications:

- API SP, API SP-Resource Conserving and all previous categories
- ILSAC GF-6A

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

#### Typical Physical Characteristics

Properties			Method	FormulaShell <sup>®</sup> Synthetic SAE 5W-30 Motor Oil
Kinematic Viscosity	@40°C	cSt	ASTM D445	63.02
Kinematic Viscosity	@100°C	cSt	ASTM D445	10.77
Viscosity Index			ASTM D2270	163
Dynamic Viscosity	@-30°C	cP	ASTM D5293	4 890
MRV	@-35°C	cP	ASTM D4684	16 000
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	840.1
Flash Point		°C	ASTM D92	244
Flash Point		°C	ASTM D93	226
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

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>

- **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 or Shell Lubricants distributor representatives or technical help desks.

Always follow manufacturer's recommendations and specifications for viscosity grade and API service.