



# Shell Advance SX 2

## Motorcycle 2 Stroke engine oil

Shell Advance SX 2 is a premium quality lubricant for 2-stroke motorcycle engines. It guarantees very good engine protection and cleanliness, reliable control against exhaust system blocking and reduces exhaust smoke. Shell Advance SX 2 is suitable both for all oil-injection and premix systems and meets the requirements of leading manufacturers.

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

- **Very good engine protection and cleanliness**  
The formulation has been specifically tested in 2 stroke engines in order to prevent scuffing, ring sticking and deposit formation.
- **Reliable control against exhaust system blocking**  
The formulation limits exhaust system deposits keeping engine performance at the original level.
- **Reduced exhaust smoke**  
The inclusion in the formulation of polyisobutylenes as carefully balanced components reduce exhaust smoke limiting the environment impact.
- **Very good self mixing properties**  
Shell Advance SX 2 contains a hydrocarbon diluent and it can therefore be used both in oil injection systems fitted to modern 2-stroke motorcycles and in premix systems.

#### Main Applications

- **Two-stroke motorcycle engines with oil injection or premix system.**  
Shell Advance SX 2 should not be used in outboard engines. The appropriate Nautilus Oil is recommended for this application.

#### Specifications, Approvals & Recommendations

- JASO FB
- ISO-L-EGB
- Shell Advance SX 2 meets the requirements of leading motorcycle manufacturers  
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

#### Typical Physical Characteristics

Properties			Method	Shell Advance SX 2
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	63.1
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	8.9
Viscosity Index			ISO 2909	116
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	872
Flash Point COC		°C	ISO 2592	122
Pour Point		°C	ISO 3016	-20

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 Advance SX 2 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 representative.