

Shell Advance VSX 2

Synthetic Based Motorcycle 2 Stroke engine oil



Advance VSX 2 is a synthetic based lubricant specifically designed for excellent engine protection and performance in 2-stroke motorcycle engines. It guarantees superior control against exhaust system blocking and minimises exhaust smoke.

Advance VSX 2 is suitable both for all oil-injection and premix systems and exceeds the requirements of leading manufacturers.

Applications

- **All 2 stroke motorcycle engines with oil injection or premix system.**
- **Recommended for high-performance air and water cooled 2 stroke engines.**

Advance VSX 2 should not be used in outboard engines. The appropriate Shell Nautilus Oil is recommended for this application.

- **Superior engine efficiency and power.**
The beneficial burning characteristics allow fast adaptation to new driver requirements improving acceleration performances and increasing power output.
- **Very good self mixing properties.**
Advance VSX 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.

Performance Features and Benefits

- **Excellent engine protection and cleanliness**
The formulation is carefully balanced and specifically tested in 2 stroke engines to prevent scuffing, ring sticking and deposit formation. The engine life is prolonged and the original performance level maintained.
- **Superior control against exhaust system blocking.**
The formulation prevents exhaust system deposits keeping engine performance at the original level.
- **Minimised exhaust smoke.**
The high amount and carefully selected polyisobutylenes as carefully balanced components minimise exhaust smoke reducing the environment impact.

Specification and Approvals

Advance VSX 2 exceeds the following international specification:
API TC,
JASO FC,
ISO-L-EGD,
and the requirements of all leading motorcycle manufacturers.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet that can be obtained from your Shell representative.

Protect the environment

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

Typical Physical Characteristics

Advance VSX 2			
Kinematic Viscosity		ASTM D 445	
	at 40°C	mm ² /s	67
	at 100°C	mm ² /s	9,14
Viscosity Index		ISO 2909	130
Density at 15°C	kg/m ³	ASTM D 4052	863
Flash Point COC	°C	ISO 2592	132
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.