

Shell Advance Racing X

Fully Synthetic Racing 2 Stroke engine oil



Advance Racing X is a unique, fully synthetic lubricant for ultimate engine protection and performance in 2-stroke racing motorcycle engines and karts with manual gearboxes.

Advance Racing X is a race proven technology (Grand Prix, off-road world championships and kart sports) and it is not recommended for day to day on road usage.

Applications

- **World championship competition engines in Grand Prix, motocross, road racing, kart and other 2 stroke motorcycle racing engines.**

Advance Racing X is not ideally suited for "on road use". Advance Ultra 2 or VSX 2 are the preferred grades for "on-road" two-stroke engines.

Advance Racing X is non-diluted therefore it is suggested to use it in premixing system with a mixing ratio of 1:40 unless otherwise recommended by engine manufacturer.

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

Performance Features and Benefits

- **Ultimate engine protection**
Exceptional protection in the most severe racing conditions. The unique formulation based on synthetic base oils and components specifically

tested for 2 stroke racing engines prevents scuffing, ring sticking and deposit formation making the engine reliable while maximising power output.

- **Excellent throttle response.**
Superb lubrication and low friction provide this essential quality for racing engines.

Specification and Approvals

Advance Racing X is approved by FIM/FIA-ClK.

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 Racing X				
Kinematic Viscosity			ASTM D 445	
	at 40°C	mm ² /s		173,6
	at 100°C	mm ² /s		19,93
Viscosity Index		ISO 2909		135
Density at 15°C	kg/m ³	ASTM D 4052		918
Flash Point COC	°C	ISO 2592		292
Pour Point	°C	ISO 3016		-37

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.