



XR

Applications

Castrol XR77 is the ultimate pre-mix racing 2-stroke engine oil based on fully synthetic technology.

Since the unveiling of Castrol A747 in 1976 there have been numerous technical developments in the field of Grand Prix Road Racing and competition engine power has risen from 300 bhp/litre to over 400 bhp/litre. Engine design now also allows for the use of unleaded fuels without significant performance drop despite unleaded fuel having different composition and properties than other fuels.

Features / Benefits

High lubricity to prevent seizure in over-speed conditions - allows tuners to lean out their engines to a maximum

Sustained engine power throughout the race

Visible spark plug and piston crown deposits for fine race tuning - high levels of deposits and good tones giving excellent readability on all unleaded fuels

Wet weather throttle lubrication - XR77 is formulated to prevent throttle slide sticking in wet conditions

Ease of mixing with racing gasoline - and minimal effect on the octane rating of high performance fuels allowing maximisation of engine compression

Specifications / Performance

Fully certified for use in Moto GP racing EMPA test report number 417478/01

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. Castrol (UK) Ltd. or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local Castrol office.

Typical Characteristics

Test Methods	Units	Value:
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SAE

TEST	TYPICAL
Viscosity at 100°C	14.9
Viscosity at 40°C	112
Viscosity Index	138
Appearance	red
Density at 20°C g/cm ³	0.910
Pour Point °C	-24
Flash Point (closed °C)	223
Sulphated Ash (%)	0.31

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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