



## Castrol Act>evo 4T 20W-50

Continuous Protection

### Description

Castrol Act>evo 4T 20W-50 is a latest generation engine oil developed specifically for 4-stroke motorcycle engines. It is uniquely formulated with Active Protection Molecules (APM) which provide a continuous layer of protection ensuring up to 70% wear reduction when compared to a JASO MA-2 motorcycle oil, tested in a standard ASTM wear test.

Castrol Act>evo 4T 20W-50 is uniquely formulated with Trizone Technology™ – Trizone testing uses Castrol's own engine test methods to prove performance in the engine (good detergency and durability), reduced clutch slip and reduced gear pitting.

The Castrol Act>evo 4T range has been tested over the equivalent of 600,000 km to ensure outstanding protection for motorcycles and scooters.

### Application

Castrol Act>evo 4T 20W-50 is suitable for four-stroke motorcycle engines where API SJ and JASO MA2 specifications are recommended.

### Advantages

- Outstanding protection for four-stroke motorcycle engines.
- Protects from the start to the end of every journey.
- 70% greater wear protection, compared with a JASO MA2 oil, tested in a standard ASTM wear test.
- Active Protection Molecules (APM) cling to critical engine components.
- Act>evo 4T is specially designed with Trizone Technology™.
- Continuous protection at all operating temperatures.
- Act>evo 4T produces no rust in salt water corrosion tests.

## Typical Characteristics

Name	Method	Units	Typical
Density @ 15C, Relative	ASTM D4052	g/ml	0.88
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	19.0
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	172
Viscosity Index	ASTM D2270	None	122
Viscosity, CCS -15C (20W)	ASTM D5293	mPa.s (cP)	9000
Total Base Number, TBN	ASTM D2896	mg KOH/g	9.7
Phosphorus, % wt	ASTM D4951	% wt	0.096
Sulphur, % wt	ASTM D4951	% wt	0.8

## Product Performance Claims

API SJ  
JASO MA-2

## 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 damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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