

## Act>evo 20W-50 Part Synthetic

Actibond Molecules™ – Continuous Protection

### Description

Did you know that most engine wear happens when your engine is warming up? Ordinary engine oils drain off engine parts when the engine stops leading to wear during warm up. New Castrol Act>evo is a premium, part-synthetic 4–stroke motorcycle oil, uniquely formulated with Actibond™ Molecules that cling to engine parts even when the engine is switched off, providing a protective layer from the moment you start your engine.

### Application

Exceeds industry specifications API SL and JASO MA-2 standards

### Advantages

The part-synthetic formulation with Actibond Molecules™:

- Cling to engine parts providing a continuous layer of protection during start-up and beyond
- Clinging action gives up to 70% wear reduction in comparison with other JASO MA-2 oils, dramatically increasing engine life\*
- Provide superior protection from high temperature carbon deposits, enabling the engine to retain its performance for longer
- Delivers excellent thermal stability for enhanced protection and resistance to oil burn-off at temperature extremes

Suitable for all makes of 4-stroke bikes, both carburetor and fuel injected. Always follow the vehicle manufacturer's recommendations.

\*versus JASO MA-2 oil without Actibond in cam wear index tested

### Typical Characteristics

Name	Method	Units	Typical values
Density @ 15°C, Relative	ASTM D4052	g/ml	0.882
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	19.1
Viscosity, CCS -15°C	ASTM D5293	mPa.s (cP)	8000
Viscosity, MRV / Yield Stress -20°C (20W)	ASTM D4684	mPa.s (cP)	28800
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s	171
Viscosity Index	ASTM D2270	None	127
Noack Volatility	ASTM D5800	% Loss	5
Viscosity, HTHS 150°C	ASTM D4683	cP	4.7
Pour Point	ASTM D97	°C	-33

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

## Product Performance Claims

API SL  
JASO MA-2

## User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Safety Data Sheet (SDS) are followed. SDSs are available upon request through your sales contact office, or via the internet at [www.castrol.com](http://www.castrol.com). This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

## 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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