



# MC4-ST 5W-40 FULL SYNTHETIC 4 STROKE MOTORCYCLE OIL

Premium 100% PAO & Ester Full Synthetic Engine Oil

Issue: March 2017

Product Code	Pack Size	Carton Qty
MC45W40004	4 Litre	4



## Product Description

**MC-4ST 5W-40** is the superior performance premium engine oil with **100% PAO & Ester**, full synthetic base oils combined with the latest additive technology including **FULL ZINC+** (exceeding 1800+ ppm levels) for maximum engine, gearbox & clutch protection against wear, corrosion, oil oxidation, piston deposits and sludge under all conditions.

**MC-4ST 5W-40** meets the requirements of API SN/CF and JASO MA.

## Application

**MC-4ST 5W-40** is designed for use in most modern four stroke road & sports bikes, dirt & enduro bikes, ATV's/Quad bikes and 4 stroke scooters that require a full synthetic engine oil. It is also equally suitable for use in transmissions with wet clutch systems where engine & gearbox oils are combined. It has optimum clutch slip prevention in these systems being compliant with JASO MA as well as meeting the performance requirements of JASO MA1 and JASO MA2.

**MC-4ST 5W-40** can be used where semi synthetic or other types of oils are specified by the manufacturer including where SAE 5W-30 and 10W-30 oils are recommended such as in Aprilia, BMW, Honda, Kawasaki, Moto Guzzi, Suzuki, Yamaha & more.

**MC-4ST 5W-40** is a 100% PAO and Ester base engine oil providing superior oil film strength, heat resistance and oil shear protection. It provides an un-paralleled layer of protection for engine compression & oil sealing rings, cylinder sleeve lubrication, bearing and valve train.

**MC-4ST 5W-40** is also suitable for use in other four stroke engines such as stationary engines & generators or other vehicles that require this grade and specification of engine oil.

**MC-4ST 5W-40** is suitable for use with most petrol, racing and other conventional fuels.

## Product Benefits

- Blended using 100% **PAO** (Poly Alpha Olefin – Group IV) and **ESTER** (Group V) base oils for maximum heat resistance and high performance
- **\*FULL ZINC +** anti-wear additive package for ultimate engine wear protection
- **SHEAR** stable for long term protection
- **LATEST** oil specification technology exceeding petrol **API SN** for maximum wear protection, minimum sludge formation & reduced piston deposits
- **MAXIMUM** power and acceleration
- **FACTORY PROVEN** by competition race teams and trusted protection for performance engines
- Suitable for wet clutch systems (JASO MA, JASO MA1 and JASO MA2)
- Extends engine life by reducing formation of high temperature engine deposits.

## Industry Specifications

API SN/CF

JASO MA

*(Backward compatible and suitable for use where SM, SL, SJ, SH & SG oils are recommended by the manufacturer)*

PENRITE



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## Typical Data

Density at 15°C, kg/L	0.885
Viscosity, Kinematic, cSt at 40°C	86
14.7 at 100°C	
Viscosity Index	178
Viscosity, Cold Cranking @ -30°C	5922
Zinc, mass %	0.124
P content, mass %	0.112
B content, mass %	0.063
Sulphated Ash, mass %	1.23
Base Number	9.8

**\*Full Zinc +** = Zinc level + Boron level combined as a total anti-wear package

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

Penrite recommend the right product for the right application. Please consult the Penrite lube guide for the correct oil recommendation.

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