



PENRITE

## MC-4 5W-40

**Premium 100% PAO & Ester Full Synthetic Engine Oil**

Issue: March 2014

Product Code:	Pack Size:	Carton Qty:
MC45W40001	1 Litre	6
MC45W400025	2.5 Litre	4
MC45W40004	4 Litre	4
MC45W40020	20 Litre	1
MC45W40205	205 Litre	1



### Product Description

**MC-4ST 5W-40** is a premium 100% PAO & Ester full synthetic, SAE 5W-40, non friction modified modern 4 stroke engine oil. It contains a superior anti wear and cleansing package of **\*FULL ZINC +** (exceeding 1800+ ppm levels) for ultimate engine, gearbox & clutch protection and special synthetic detergents and dispersants for protection in the harshest of on and off road conditions.

**MC-4ST 5W-40** exceeds 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 and exceeds JASO MA requirements.

**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, Honda, Moto Guzzi & 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.

### Customer 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)
- Extends engine life by reducing formation of high temperature engine deposits.



**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
 Victoria AUSTRALIA 3152, ABN 25 005 001 525  
 Enquiries: Phone 1300-PENRITE (1300 736 748)  
 Fax: 1800-PENRITE (1800 736 7483)  
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977  
 New Zealand Ph: 0800 533 698, Fax: 0508 736 748

United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234  
 Website: [www.penriteoil.com](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)

**PROUDLY AUSTRALIAN  
 FAMILY OWNED  
 SINCE 1926**





## 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)*

## Typical Data

Density at 15°C, kg/L	0.885
Viscosity, Kinematic, cSt	
at 40°C	86
at 100°C	14.7
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.

PENRITE



**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South  
Victoria AUSTRALIA 3152, ABN 25 005 001 525  
Enquiries: Phone 1300-PENRITE (1300 736 748)  
Fax: 1800-PENRITE (1800 736 7483)  
International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977  
New Zealand Ph: 0800 533 698, Fax: 0508 736 748

**PROUDLY AUSTRALIAN  
FAMILY OWNED  
SINCE 1926**

**United Kingdom and EU** Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234  
Website: [www.penriteoil.com](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)