



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## MC-4ST 10W-40 (100% PAO & ESTER)

Last updated: 24/05/2024 12:09 pm

PRODUCT CODE	PACK SIZE	CARTON QTY
MC410W40001	1L	6
MC410W400025	2.5L	4
MC410W40004	4L	4
MC410W40020	20L	

### PRODUCT BENEFITS

**MC-4ST 10W-40** is the superior performance premium engine oil with 100% PAO & Ester, synthetic base oils combined advanced 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. It exceeds the requirements of API SN/CF and JASO MA.



### FACTORY RACING

Penrite products are used by **Factory Race Teams** to provide the ultimate in performance and protection. To visit our Factory Racing Partners and Penrite Brand Ambassadors [Click Here](#)

### APPLICATION

**MC-4ST 10W-40** is designed for use in most modern four stroke road & sports bikes, dirt & enduro bikes, ATVs/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 is suitable for use where JASO MA1 and JASO MA2 is specified.

**MC-4ST 10W-40** can be used where semi synthetic or other types of oils are specified by the manufacturer including where SAE 10W-30 & SAE 10W-40 grade oils are recommended such as in Aprilia, BMW, Cagiva, Can-Am, Ducati, Hyosung, Kawasaki, Suzuki, Triumph, Yamaha and more.

**MC-4ST 10W-40** contains **100% PAO and Ester** base oils that provide superior oil film strength, heat resistance and oil shear protection combined with a **SHEAR FREE** formulation that eliminates viscosity loss and maintains oil pressure during extreme engine operating conditions ensuring the ultimate in protection for your engine.

**MC-4ST 10W-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 and can be used with petrol, racing & other conventional fuels. It is ideal for use where emission control systems are fitted such as catalytic converters or secondary air injection.

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

**Please Note:** A 58mm cap with pouring tap is available to fit 20 litre packs. <https://penriteoil.com.au/products/58mm-plastic-tap>

### PRODUCT BENEFITS

- **PREMIUM 100% PAO** and **ESTER** base oils for maximum heat resistance and high performance
- **\*FULL ZINC+** additive pack for ultimate wear protection
- **SHEAR FREE** formulation eliminates viscosity loss
- **MAXIMUM** wear protection, minimum sludge formation & reduced piston deposits
- **FACTORY PROVEN** by competition race teams
- Maximum power and acceleration
- Backward compatible and suitable for use with SM, SL, SJ, SH & SG oils
- Trusted protection for performance engines
- Suitable for use with wet clutch systems (JASO MA, JASO MA1 and JASO MA2)
- Extends engine life by reducing high temperature engine deposits
- Safe for use with emission control systems

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

### PRODUCT PERFORMANCE LEVELS

- API SN/CF
- JASO MA



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**SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED  
(FOR OUT OF WARRANTY SERVICE)**

- API SJ/CF
- API SL/CF
- API SM/CF

**TYPICAL DATA**

Density at 15°C, kg/L	0.861
Viscosity, Kinematic, cSt at 40°C	91
Viscosity, Kinematic, cSt at 100°C	14.4
Viscosity Index	164
Cold Cranking Viscosity, cP at -25°C	6177
Zinc, Mass %	0.124
Boron, Mass %	0.063
Phosphorus, Mass %	0.112
Sulphated Ash, Mass %	1.2
Total Base Number (TBN)	9.8