



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## MC-4ST 10W-30 (100% PAO & ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
MC410W30001	1L	6
MC410W30004	4L	4

### PRODUCT BENEFITS

**MC-4ST 10W-30** is a superior performance premium engine oil with **100% PAO & Ester**, full synthetic base oils combined with 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.

**MC-4ST 10W-30** meets 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-30** 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 and is suitable for use where JASO MA1 and JASO MA2 is specified.

**MC-4ST 10W-30** can be used where full synthetic, semi synthetic or mineral SAE 10W-30 engine oils are specified by the manufacturer such as in Honda, Hyosung, Kawasaki, Polaris, Yamaha & more.

**MC-4ST 10W-30** contains **100% PAO and Ester** base oils that provide superior oil film strength and heat resistance 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-30** 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. It is ideal for use where emission control systems are fitted such as catalytic converters or secondary air injection.

**MC-4ST 10W-30** is suitable for use with most petrol, racing and other conventional fuels.

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

### 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 FREE** formulation maintains oil pressure and eliminates viscosity loss
- **MAXIMUM** wear protection, minimum sludge formation & reduced piston deposits
- **FACTORY PROVEN** by competition race teams and trusted protection for performance engines
- Maximum power and acceleration
- Suitable for wet clutch systems (JASO MA, JASO MA1 and JASO MA2)
- Extends engine life by reducing formation of high temperature engine deposits.
- Safe for use with emission control systems

### PRODUCT PERFORMANCE LEVELS

- API SN/CF
- JASO MA





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## TYPICAL DATA

Density at 15°C, kg/L	0.861
Viscosity, Kinematic, cSt at -40°C	70
Viscosity, Kinematic, cSt at 100°C	11.8
Viscosity Index	165
Cold Cranking Viscosity, cP at -25°C	4520
Ca content, Mass %	0.296
Zinc, Mass %	0.124
Boron, Mass %	0.063
Phosphorus, Mass %	0.112
Sulphated Ash, Mass %	1.2
Total Base Number (TBN)	9.8