



PENRITE



**85% REDUCTION
IN LANDFILL
WASTE**

MC-4ST 10W-60 (100% PAO & ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
MC410W60001	1L	6
MC410W60004	4L	4

PRODUCT BENEFITS

MC-4ST 10W-60 is a superior performance premium engine oil with 100% PAO & Ester, 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. It exceeds the requirements of API SN/CF and JASO MA2.

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-60 is designed for use in 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 MA2.

MC-4ST 10W-60 features an extra high operating temperature viscosity for increased protection under load and high temperature operating conditions. It can be used where semi synthetic or other types of oils are specified by the manufacturer including where SAE 10W-50 and SAE 15W-50 grade oils are recommended such as in Aprilia, Benelli, Cagiva, Husqvarna, KTM, Moto Guzzi, MV Augusta & more.

MC-4ST 10W-60 contains **100% PAO and Ester** base oils that provide 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 10W-60 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 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

- **PREMIUM 100% PAO** and **ESTER** base oils for maximum heat resistance and high performance
- ***FULL ZINC+** additive pack for ultimate wear protection
- **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 and JASO MA2)
- Extends engine life by reducing high temperature engine deposits

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

PRODUCT PERFORMANCE LEVELS

- API SN/CF
- JASO MA2

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

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





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TYPICAL DATA

Density at 15°C, kg/L	0.861
Viscosity, Kinematic, cSt at 40°C	178
Viscosity, Kinematic, cSt at 100°C	25.6
Viscosity Index	179
Cold Cranking Viscosity, cP at -25°C	5282
Zinc, Mass %	0.124
Boron, Mass %	0.063
Phosphorus, Mass %	0.110
Sulphated Ash, Mass %	1.2
Total Base Number (TBN)	9.8