



PENRITE



85% REDUCTION
IN LANDFILL
WASTE

MC-4ST 15W-50 (100% PAO & ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
MC415W50001	1L	6
MC415W50004	4L	4
MC415W50020	20L	
MC415W50205	205L	

PRODUCT BENEFITS

MC-4ST 15W-50 is the 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 meets the requirements of API SP/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 15W-50 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 MA2 and is also suitable for use where JASO MA and JASO MA1 is specified.

MC-4ST 15W-50 can be used where semi synthetic or other types of oils are specified by the manufacturer including where SAE 15W-40 & SAE 20W-40 & SAE 15W-50 grade oils are recommended such as in Aprilia, BMW, Honda, Kawasaki, KTM, Moto Guzzi, Suzuki, V Moto, Yamaha and more.

MC-4ST 15W-50 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 15W-50 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. 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 SN, SM, SL, SJ, SH & SG oils
- Trusted protection for performance engines
- Suitable for use with wet clutch systems (JASO MA2 Compliant)
- 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 SP/CF
- JASO MA2





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

- API SL/CF
- API SM/CF
- API SN/CF

TYPICAL DATA

Density at 15°C, kg/L	0.862
Viscosity, Kinematic, cSt at 40°C	123
Viscosity, Kinematic, cSt at 100°C	17.7
Viscosity Index	159
Cold Cranking Viscosity, cP at -20°C	5929
Zinc, Mass %	0.124
Boron, Mass %	0.063
Phosphorus, Mass %	0.112
Sulphated Ash, Mass %	1.2
Total Base Number (TBN)	9.8