



PENRITE



**85% REDUCTION
IN LANDFILL
WASTE**

MC4-ST 15W-50 (PAO ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
MC415W50001	1L	6
MC415W500025	2.5L	4
MC415W50004	4L	4
MC415W50020	20L	

PRODUCT BENEFITS

MC4-ST 15W-50 is the superior performance premium engine oil with 100% PAO & Ester, full synthetic base oils combined with the latest 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.



ADDITIONAL PRODUCT INFORMATION:

- [Click Here](#) to view Motorcycle Brochure
- [Click Here](#) to view Technical Bulletin on JASO MA Specifications
- [Click Here](#) to view Technical Bulletin on Esters in Oils

FACTORY RACING

Penrite 10 Tenths Racing 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

MC4-ST 15W-50 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 as is suitable for use where JASO MA1 and JASO MA2 is specified.

MC4-ST 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.

MC4-ST 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.

MC4-ST 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.

***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
- **SHEAR FREE** formulation eliminates viscosity loss
- **LATEST** oil technology for less wear, sludge & piston deposits
- **MAXIMUM** power and acceleration
- **FACTORY PROVEN** by competition race teams
- 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

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



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INDUSTRY & MANUFACTURER'S SPECIFICATIONS

- API SJ/CF
- API SL/CF
- API SM/CF
- API SN/CF
- JASO MA

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
Base Number	9.8