



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## MC-4ST FULL SYN 10W-50 (100% PAO & ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
MC4FS10W50001	1L	6
MC4FS10W50004	4L	4

### PRODUCT BENEFITS

**MC-4ST FULL SYN 10W-50** is a **100% PAO & ESTER** full synthetic, premium performance, engine oil. It features advanced additive technology, including a **FULL ZINC +** (exceeding 1800+ ppm levels) anti-wear additive pack for maximum engine, gearbox & clutch protection against wear, corrosion, oil oxidation, piston deposits and sludge under all conditions.

**MC-4ST FULL SYN 10W-50** 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 FULL SYN 10W-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.

**MC-4ST FULL SYN 10W-50** Can be used in models specifying a full synthetic SAE 10W-50 engine oil such as those manufactured by AJP, Benelli, Husqvarna and KTM. May be used in other models that require a SAE 10W-50 including Ducati, Moto Guzzi, Royal Enfield, Triumph & more.

**MC-4ST FULL SYN 10W-50** contains **100% PAO and Ester** base oils that provide superior oil film strength, heat resistance and oil shear protection that eliminates viscosity loss and maintains oil pressure during extreme engine operating conditions ensuring the ultimate in protection for your engine.

**MC-4ST FULL SYN 10W-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** (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
- **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
- **Extends** engine life by reducing the formation of high-temperature engine deposits.
- **Suitable** for use with wet clutch systems (JASO MA, JASO MA1 and JASO MA2)

**\*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	122
Viscosity, Kinematic, cSt at 100°C	19.5
Viscosity Index	182
Cold Cranking Viscosity, cP at -25°C	4332
Zinc, Mass %	0.124
Boron, Mass %	0.063
Phosphorus, Mass %	0.112