



# PENRITE



**85% REDUCTION  
IN LANDFILL  
WASTE**

## MC4-ST 5W-40 (PAO ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
MC45W40001	1L	6
MC45W40004	4L	4

### PRODUCT BENEFITS

**MC4-ST 5W-40** 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 meets 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 5W-40** 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 5W-40** can be used where semi synthetic or other types of oils are specified by the manufacturer including where SAE 5W-30 and 10W-30 oils are recommended such as in Aprilia, BMW, Honda, Kawasaki, KTM, Moto Guzzi, Suzuki, Yamaha and more

**MC4-ST 5W-40** is a full 100% PAO and Ester base engine oil providing superior oil film strength, heat resistance and oil shear protection. It provides superior oil film strength and heat resistance for the protection of engine compression & oil sealing rings, cylinder sleeve lubrication, bearing and valve train.

**MC4-ST 5W-40** 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 and can be used with most petrol, racing & 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 STABLE** formulation protects against 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

### INDUSTRY & MANUFACTURER'S SPECIFICATIONS

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





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## **TYPICAL DATA**

Density at 15°C, kg/L	0.885
Viscosity, Kinematic, cSt at 40°C	86
Viscosity, Kinematic, cSt at 100°C	14.7
Viscosity Index	178
Cold Cranking Viscosity, cP at -30°C	5922
Zinc, Mass %	0.124
Boron, Mass %	0.063
Phosphorus, Mass %	0.112
Sulphated Ash, mass %	1.2
Base Number	9.8