



PENRITE

MC-4 15W-50

Premium 100% PAO & Ester Full Synthetic Engine Oil

Issue: March 2014

Product Code:	Pack Size:	Carton Qty:
MC415W50001	1 Litre	6
MC415W500025	2.5 Litre	4
MC415W50004	4 Litre	4
MC415W50020	20 Litre	1
MC415W50205	205 Litre	1



Product Description

MC-4ST 15W-50 is a premium 100% PAO & Ester full synthetic, SAE 15W-50, non friction modified, **WEAR FREE**, modern 4 stroke engine oil. It contains a superior anti wear and cleansing package of ***FULL ZINC +** (exceeding 1800+ ppm levels) for ultimate engine, gearbox & clutch protection and special synthetic detergents and dispersants for protection in the harshest of on and off road conditions.

MC-4ST 15W-50 exceeds the requirements of API SN/CF and JASO MA.

Application

MC-4ST 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 and exceeds JASO MA requirements.

MC-4ST 15W-50 is 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 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, KTM, Moto Guzzi, Suzuki, V Moto, Yamaha & more.

MC-4ST 15W-50 is a 100% PAO and Ester base engine oil providing 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 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.

MC-4ST 15W-50 is suitable for use with most petrol, racing and other conventional fuels.

Customer Benefits

- Blended using 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
- **SHEAR FREE** formulation offers start up protection, maintains oil pressure and eliminates viscosity loss (Unbreakable)
- **LATEST** oil specification technology exceeding petrol **API SN** for maximum wear protection, minimum sludge formation & reduced piston deposits
- **MAXIMUM** power and acceleration
- **FACTORY PROVEN** by competition race teams and trusted protection for performance engines
- Suitable for wet clutch systems (JASO MA)
- Extends engine life by reducing formation of high temperature engine deposits.



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Industry Specifications

API SN/CF

JASO MA

(Backward compatible and suitable for use where SM, SL, SJ, SH & SG oils are recommended by the manufacturer)

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Typical Data

Density at 15°C, kg/L	0.862
Viscosity, Kinematic, cSt	
at 40°C	123
at 100°C	17.7
Viscosity Index	159
Viscosity, Cold Cranking @ -20°C	5929
Zn content, % mass	0.124
P content, % mass	0.112
B content, % mass	0.063
Sulphated Ash, mass %	1.23
Base Number	9.8

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

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

Penrite recommend the right product for the right application. Please consult the Penrite lube guide for the correct oil recommendation.



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