



RACE MB 5W50

FULL SYNTHETIC OIL FOR 4-STROKE MOTORCYCLES



MOTORCYCLE RANGE
4-STROKE ENGINE
FULL SYNTHETIC
SAE 5W-50

Mineral

Semi-synthetic

Full synthetic

Oxidation resistance

Shear stability

Engine cleanliness



INTERNATIONAL STANDARDS

API SN
JASO MB

APPLICATIONS

RACE MB 5W50 is a full synthetic oil offering exceptional performance with a very wide range of viscosities/temperatures covered, a high level of protection against wear and the reduction of internal friction.

RACE MB 5W50 is particularly well-suited to lubricating demanding motorcycles with 4-stroke engines, especially racing motorcycles.

RACE MB 5W50 is the high-tech lubricant for the most demanding motorcyclists.

Suitable for all engines for which the manufacturer recommends or authorises the use of an SAE 5W-50 API SJ, SL, SM or SN oil.

BENEFITS

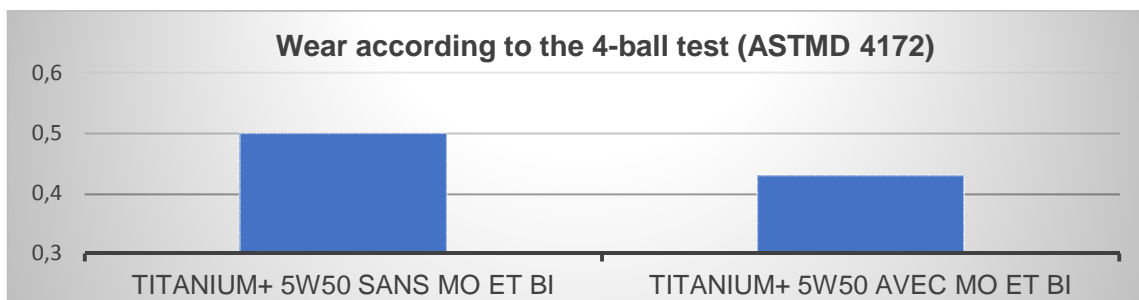
- **Very high fluidity at low temperature** thanks to its synthetic base oils which provide optimal lubrication as soon as you start up the engine.
- **Superior thermal stability** to that of conventional oils which prevents the formation of deposits at high and low temperature.
- **Low volatility** (thanks to its SAE 50 grade when hot) that ensures minimal oil consumption.
- **Excellent oxidation resistance** given its synthetic base and anti-oxidant additives that slow down and neutralise the oxidation reaction. Significant lengthening of the interval between oil changes.
- **RACE MB 5W50** also has other benefits, thanks to its special molybdenum and bismuth-based additives.



TECHNICAL DATA SHEET

Molybdenum is a polar additive that attaches itself to lubricated metal parts, thereby **lowering the friction coefficient** of the parts that are in contact with each other by 15 to 50%. You will notice the difference of this benefit whenever you start up your engine.

As for the **bismuth**, it is an additive that optimises the action of the sulphur contained in the oil and **improves the anti-wear performance of the lubricant by 14%** (see test below).



PERFORMANCE

PERFORMANCE LEVELS

API SN
JASO MB

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	5W-50
Colour	-	visual	Green
Density at 20°C	kg/m ³	NF EN ISO 12185	853
Kinematic viscosity at 40°C	mm ² /s	NF T 60100	104
Kinematic viscosity at 100°C	mm ² /s	NF T 60100	17
Viscosity index	-	NF T 60136	179
CCS viscosity at -30°C	mPa.s	ASTM D 2602	5 442
Pour point	°C	NF T 60105	-42
Flash point	°C	NF T 60118	230

The average specifications provided are approximate values

HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with applicable rules for the waste disposal of used oil.

Keep away from bad weather conditions.

Our technical department is at your disposal to give you the advice you require.