

Technical Data for:

**MAPETROL PREMIUM MB 5W-30****Description:**

Mapetrol Premium MB 5W-30 is fully synthetic, high-quality, ester based motor oil made for modern gasoline and diesel engines, whether turbocharged or not. This formulation has been meticulously tailored to meet the exacting standards of European auto manufacturers. It comes highly recommended for use in MB and VW vehicles with specific demands for engine oils, in accordance with the aforementioned specifications. It is not suitable for heavy trucks and similar heavy-duty vehicles.

**Benefits:**

- Ester technology and a synthetic base provide optimal viscosity-temperature properties for efficient engine performance in all conditions
- A synthetic ester-rich base, combined with modern additives, preserves engine power between oil changes
- Exceptional anti-wear and anti-friction properties increase engine life, even in "start-stop" and cold start scenarios
- Enhances fuel efficiency with low HTHS viscosity and excellent anti-friction characteristics
- High thermo-oxidative stability prevents oil aging
- Effectively combats deposits, keeping engine parts clean throughout the oil change interval

**Specifications and approvals:**

API SN/CH-4

ACEA A3/B4

VW 502 00/505 00

VW 503 01/501 01

MB 229.3/229.5

BMW LL-01

RENAULT RN0700/RN0710

FORD WSS-M2C913-B

**Typical characteristics:**

Test	Method	Unit	Results
Density at 15 °C	ASTM D 4052	[g/cm <sup>3</sup> ]	0.85
Kinematic viscosity at 40 °C	ASTM D 445	[mm <sup>2</sup> /s]	61.3
Kinematic viscosity at 100 °C	ASTM D 445	[mm <sup>2</sup> /s]	10.6
Viscosity index	ASTM D 2270	-	165
Pour point	ASTM D 97	[°C]	-42
Flash point (Cleveland)	ASTM D 92	[°C]	220
T.B.N.	ASTM D 2896	mg KOH/g	10.1

**Storage:**

Please store in a well-ventilated, dry, and cool area, away from direct sunlight and out of reach of children. Additional information can be found in the safety data sheet.

