

**Technical Data for:**

**MAPETROL SPARCO COMPETITION MB 5W-40**

**Description:**

Mapetrol Sparco Competition MB 5W-40 is fully synthetic motor oil ideal for both modern gasoline and diesel engines, whether turbocharged or not, including older models and high-mileage vehicles. It is recommended for engines in MB, VW, GM, Renault vehicles imposing additional requirements for engine oils (according to the specifications). Not suitable for heavy trucks or similar vehicles.

**Benefits:**

- Wide range of viscosity-temperature properties ensure optimal engine performance in all conditions: cold starts, city driving, highway cruising, high loads, and high temperatures.
- Exceptional anti-wear and anti-friction properties are provided by the robust oil film strength, enhancing engine longevity even during "start-stop" driving and cold starts.
- Effectively combats deposits and keeps engine parts clean throughout the entire oil change interval.
- Designed for use in a wide range of vehicles, including cars, light utility vehicles, vans, and light trucks.

**Specifications and approvals:**

API SN/CF	BMW LL-01
ACEA A3/B4	BMW LL-98
MB 226.5	PSA B71 2296
MB 229.3	FIAT 9.55535-H2
MB 229.5	FIAT Z2
JASO MA2	CHRYSLER MS-10850
VW 502 00	CHRYSLER 10896
VW 505 00	CHRYSLER 12991
PORSCHE A40	GM LL-A-025
RENAULT RN0700	GM B-025
RENAULT RN0710	

**Typical characteristics:**

Test	Method	Unit	Results
Density at 15 °C	ASTM D 4052	[g/cm <sup>3</sup> ]	0,80-0,90
Kinematic viscosity at 40 °C	ASTM D 445	[mm <sup>2</sup> /s]	75-95
Kinematic viscosity at 100 °C	ASTM D 445	[mm <sup>2</sup> /s]	12,5-16,3
Viscosity index	ASTM D 2270	-	> 160
Pour point	ASTM D 97	[°C]	< -36
Flash point (Cleveland)	ASTM D 92	[°C]	> 210
T.B.N.	ASTM D 2896	mg KOH/g	> 7

The values provided are for informational purposes only. The exact values for a specific batch are available on the Certificate of Analysis (CoA).

**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.