

**Technical Data for:****MAPETROL SPARCO COMPETITION C3 5W-40****Description:**

Mapetrol Sparco Competition C3 5W-40 is innovative, high-performance, fully synthetic motor oil designed to meet the demands of modern engines, both diesel and gasoline, including those equipped with direct injection and turbocharging, such as pump nozzles (Pumpe-Duse), in alignment with VW and MB specifications. Designed for EURO IV and EURO V standard engines. Recommended for MB, BMW, and VW vehicles with additional engine oil requirements as specified. Not intended for use in heavy trucks or similar vehicles.

**Benefits:**

- Outstanding anti-seize, anti-wear, and anti-friction properties
- Effectively combats deposits and keeps engine parts clean
- Delivers efficient performance in all conditions, including cold starts, city driving, highway cruising, heavy loads, and high temperatures
- Maintains stability over time with high thermo-oxidative resistance
- Compatible with exhaust gas aftertreatment systems (DPF, TWC, EGR, SCR) using Mid SAPS technology
- Ideal for engines using liquefied natural gas (LNG) and petroleum gas (LPG)

**Specifications and approvals:**

API SN	PORSCHE A40	MB 229.31
ACEA C2	RENAULT RN0700	MB 229.51
ACEA C3	RENAULT RN0710	BMW LL-04
VW 505 00	RENAULT RN17	FIAT 9.55535-GH2
VW 505 01	FORD WSS-M2C917-A	FIAT 9.55535-S2
GM dexos2	MB 226.5	CHRYSLER MS-11106

**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.