

**Technical Data for:**

**MAPETROL PREMIUM C3 5W-40**

**Description:**

Mapetrol Premium 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:**

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

**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.