

**Technical Data for:**

**MAPETROL PREMIUM LL IV 0W-20**

**Description:**

Mapetrol Premium LL IV 0W-20 is advanced, low-viscosity, fully synthetic engine oil designed for the latest Volkswagen turbocharged gasoline and diesel engines with particulate filters. Specifically created for 2.0 TFSI 140 kW and 3.0 TDI CR 160 kW VW and it is also recommended for use in AUDI, SEAT, SKODA, and similar vehicles requiring VW 508 00 or 509 00 specifications. Also suitable for vehicles requiring ACEA C5 specification. Incompatible with previous-generation VAG engines and not suitable for heavy trucks.

**Benefits:**

- Outstanding anti-wear, anti-friction, and extreme pressure properties
- Efficient cleaning of engine parts
- Improved fuel efficiency
- Easy cold starts
- Shear force resistance
- Great thermal stability
- Stable performance across various conditions
- Compatibility with exhaust gas neutralization systems

**Specifications and approvals:**

API SP/RC

API SN Plus

ACEA C5

ACEA C6

VW 508 00

VW 509 00

VW TL 52 577

ILSAC GF-6A

PORSCHE C20

**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] | 40-50     |
| Kinematic viscosity at 100 °C | ASTM D 445  | [mm <sup>2</sup> /s] | 6,9-9,3   |
| Viscosity index               | ASTM D 2270 | -                    | > 160     |
| Pour point                    | ASTM D 97   | [°C]                 | < -39     |
| Flash point (Cleveland)       | ASTM D 92   | [°C]                 | > 210     |
| T.B.N.                        | ASTM D 2896 | mg KOH/g             | > 6       |

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.