

Technical Data for:

MAPETROL CERA PRO

Description:

Mapetrol Cera Pro is an innovative ceramic engine oil additive that excels in extreme conditions. Its strength lies in forming a superior lubricating layer on critical engine components through exceptional metal bonding. This results in enhanced performance, efficient heat dissipation, and protection against metal-to-metal contact. It is designed for gasoline, diesel, and LPG engines, including turbocharged ones, and can be mixed with any commercial engine oil. It has a non-obstructive formulation that doesn't harm filters or catalytic converters. Not recommended for motorcycles with wet clutches.

Benefits:

- Reduces friction and wear on engine components
- Improves fuel and oil efficiency
- Reduces engine noise and harmful emissions
- Restores optimal power output
- Provides long-lasting engine protection
- Enhances load-carrying capability of the lubricating film
- Boosts oil viscosity for better lubrication
- Offers a safety net of emergency lubrication during critical moments
- Elevates the engine's performance during cold starts, leading to smoother ignition
- Enhances cold start performance
- Extends the operational life expectancy of the engine, promoting longevity

Instructions:

- Shake well before use
- Add the full bottle to warm motor oil, preferably soon after an oil change
- Drive for approximately 15 minutes for optimal results
- Ensure the oil volume stays within your engine's recommended limits
- Use one bottle for every 50,000 km
- Each bottle treats 4-6 liters of motor oil

Typical characteristics:

Colour	CREAM WHITE
Viscosity at 20 °C [mPas]	720
Flash point [°C]	> 200
Density [g/cm ³]	0.89

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

Comparison table:

	CERAMIC	TEFLON
Average particle size [μm]	0.300	0.265
Coefficient of friction [μ_k]	0.04 – 0.2	0.02 – 0.15
Maximal operating temperature [$^{\circ}\text{C}$]	260	800
Decomposition temperature [$^{\circ}\text{C}$]	275-350	>1000
Coefficient of heat conduction [W/m-K]	0.2 – 0.25	45 – 65
Decomposition products	CF, HF, fluorized oleofines	N/A
Adhesive power	NO	YES

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.