

## Description:

Mapetrol Cera Pro stands out as an innovative and advanced ceramic engine oil additive. It excels in various functions and performs exceptionally well even in the extreme situations. Its remarkable quality lies in its ability to form a strong and unparalleled lubricating layer on the engine's most vital and susceptible components, thanks to its excellent metal bonding. This leads to exceptional lubrication that enhances overall performance, promotes quick heat dissipation, and effectively safeguards against direct metal-to-metal contact in the engine.

## Benefits:

- Substantially diminishes friction and the resulting wear on engine components
- Effectively curbs the consumption of both fuel and oil, leading to efficiency gains
- Drastically reduces the noise level produced by the engine
- Restores the engine's power output to its optimal levels
- Ensures prolonged safeguarding of your engine, providing durable protection over time
- Enhances the load-carrying capability of the lubricating film, fortifying against stress
- Drives down the emission of harmful exhaust gases, contributing to a cleaner environment
- Elevates the viscosity of the oil, bolstering its effectiveness in engine lubrication
- Offers a safety net of emergency lubrication during critical moments
- Lowers the operating temperature of the oil, aiding in heat management
- Elevates the engine's performance during cold starts, leading to smoother ignition
- Extends the operational life expectancy of the engine, promoting longevity

## Usage:

Designed for gasoline, diesel, and LPG engines, whether equipped with turbochargers or not. Can be mixed with all commercially available engine oils. It boasts a non-obstructive formulation that avoids filter blockages and poses no threat to catalytic converters. It's essential to note that this product isn't suitable for motorcycles equipped with wet clutches.

## Instructions:

- Shake before use
- Pour the entire contents of a bottle into the warmed motor oil, ideally shortly after oil change
- Drive for about 15 minutes to achieve the best possible outcome
- It's crucial to ensure that the volume of oil remains within the prescribed limits specified for your engine
- It is suggested to employ one bottle after every 50 000 km traveled
- Each bottle is suitable for treating 4 to 6 liters of motor oil

## Technical specification:

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



**Comparison table:**

	<b>CERAMIC</b>	<b>TEFLON</b>
Average particle size [ $\mu\text{m}$ ]	0,300	0,265
Coefficient of friction [ $\mu_k$ ]	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

