

Cera Tec Engine Oil Additive



Cera Tec is a suspension based on a microceramic solid lubricant and chemical active agents in mineral oil. This combination reduces friction and protects the engine and transmission against wear. This in turn prevents expensive repairs and prolongs the life of the assemblies.

Cera Tec offers high mechanical and thermal stability, ensuring outstanding lubrication even under the toughest conditions. Engine and transmission noise are reduced. It saves energy, reduces fuel consumption and thus also pollutant emissions.

Cera Tec reacts directly with the surface of the metal and protects your engine for up to 50,000 kilometers – even with the oil being changed during that period.

Cera Tec has been tested for effectiveness and is certified by German certification authority TÜV.

- Result:
- *Significantly reduces wear in the engine*
 - *The low-friction effect produced means fewer pollutant emissions*
 - *Engine performance is optimized*



Properties of Cera Tec

Cera Tec is self-mixing and compatible with all standard motor oils. It is ideal for use in oil-lubricated transmissions, pumps and compressors. Also tested for vehicles with turbochargers, catalytic converters or particle filters. In new vehicles, Cera Tec supports engine break-in and protects against excessive wear.

Cera Tec enhances the life and reduces the running noise of engines and assemblies, boosting their performance. Fuel consumption and emissions are optimized. Long-lasting effect for up to 50,000 kilometers. With a particle size of only $< 0.2 \mu\text{m}$, it is absolutely compatible with all filters. Do not use in automatic transmissions and motorbikes with a wet clutch.

How does Cera Tec work?

The graphite-like structure of the ceramic particles enables them to fill in the roughness present in the metal, thereby preventing direct metal-on-metal contact.

An active chemical (friction modifier) utilizes the existing friction energy to ensure flowing – i.e. non-abrasive – smoothing, annealing the friction and bearing points. That protects the motor and transmission and prolongs their life.

How is Cera Tec applied?

- Add directly to the motor or transmission oil (cold or hot).
- Ideally, pour in together with fresh oil when changing the oil.
- Otherwise apply when there is at least 5,000 km to go before the next oil change so that Cera Tec has plenty of time in which to have an effect.
- 300 ml is sufficient for up to 5 liters of motor oil.
- The optimal dosage is about 6 % of the total oil fill quantity.
- Keep to the oil change intervals specified in the vehicle's service documents.

