

CERA TEC vs. Copper Paste

When servicing the wheel brake, the mechanical parts are to be greased with a temperature resistant endurance lubricant in order to maintain optimum operation.

Here, the use of copper paste is very popular.

However, more and more vehicles are equipped with highly sensitive technical features for the control of processes during driving (for example ABS, ESP...). Various sensors supply information on the current operative situation to the electronic equipment onboard.

Due to the metal particles contained, the excess or wrong use of copper paste may lead to failures of the sensors and consequently of the safety-relevant systems.

For economic reasons and to lower the unsprung mass, an increasing number of vehicles feature chassis parts and brake callipers made of aluminium alloys. Here, the copper particles may also cause problems. Copper and aluminium react electrolytically causing a kind of corrosion, i. e. exactly the opposite effect of a lubricant.

Therefore, we recommend the use of Cera Tec, a temperature-resistant, transparent endurance lubricant free of metal and other solid particles.

Cera Tec can be obtained at authorised specialised dealers.

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