



HWR-KERAMIKSPRAY

High temperature ceramic based lubricant
Item no. 5016



HWR-KERAMIKSPRAY is a high performance lubricant for the toughest standards

- excellent adhesion, withstands highest temperature and pressure,
- prevents bolts, fittings etc. from early wear and corrosion,
- lubricates, protects and eliminates running and creaking noises.

HWR-KERAMIKSPRAY is recommended for the assembly and maintenance of

- braking-systems, specified for ABS-braking systems,
- exhaust assemblies, catalytic converters with lambda sensors, wheel nuts,
- bolt connections, as anti-corrosion paste for gears and axles.



Characterisation:

Appearance:

Grey coloured spray.

Ingredients:

Preparation from a mixture of mineral oils, aerosol propellants and special additives.

Free of heavy metals, CFC, CHC and AOX.

Application:

Shake well before use. Clean areas to be treated (e.g. brake pads on the back side, installation surfaces, mounting parts etc.) with TB 2000 (Item no. 5300) and apply evenly onto the parts to be lubricated. Do not spray directly on brake discs or brake friction lining!

Technical data:

Temperature resistant from -40°C up to $+1400^{\circ}\text{C}$

Four Ball Test, welding load: 3800 / 4000 N (DIN 51350/4)

Press-Fit-Test, coefficient of friction 0.08

Vibration-friction wear and tear frequency (450N, 1000 μm , 50 Hz, 2h)

Coefficient of friction 0.10-0.13, wear depth 0.3 μm

Friction coefficient of threads 0.10 (DIN 946)

Salt fog test >500h (DIN50021)

Water resistance 1-90 (DIN 5180)

This product data sheet has been created according to the most current standard of technology. We do however not guarantee for correctness and completeness. No liability for damages due to improper application. update July 2015

HWR CHEMIE GmbH®, Moosfeldstraße 7, D-82275 Emmering

Telefon 08141 / 51 03 0 • Fax 08141 / 51 03 50 • E-Mail: info@hwr-chemie.de • www.hwr-chemie.de