

## ***METABOND HI-TECH EXTREME Grease***

### ***Product Datasheet***

**Product name:** Metabond HI-TECH EXTREME GREASE

Metabond HI-TECH EXTREME GREASE is an outstanding premium quality, versatile, extremely high-temperature, calcium-sulfonate-based metal surface treatment, anti-wear grease. Developed with the latest grease technology, the product also contains molybdenum disulfide, graphite, adhesion and cohesion polymers. With its extreme pressure-resistant ingredients, it offers properties that go far beyond conventional greases.

<b>Characteristic Properties</b>	<b>Unit of Measurement</b>	<b>Typical Value</b>
Soap/thickener		calcium-sulphonate
Colour		black / dark gray
Odour		hydrocarbon
NLGI class		1
Density	g/cm <sup>3</sup>	1,05
Drip point	°C	> 300
Boiling point or initial boiling point and boiling range:	°C	> 280
Flammability		combustible
Flash point	°C	> 250
Solubility in water		practically insoluble
Vapor pressure at 20°C	kPa	< 0,01
Four-ball welding test	kg	> 800
Water washout at 80°C		< 2%
DN rotation factor		100 000
Temperature ranges: continuously	°C	-20 - +240
Temperature ranges: intermittently	°C	550
Viscosity of base oil at 40°C		460

The stated values in this document are based on the measurements of an accredited laboratory and are mean values.

Depending on the characteristics of the supply of raw materials, small differences may occur during the manufacturing process. This does not affect the quality of the finished product.