

# Technical Data Sheet

## Multicut Honolit Spezial 4

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### Product description

- non water-miscible, low-viscous, alloyed honing oil
- based on mineral oils with low content of aromatics
- contains synthetic fatty components
- with phosphorous active agents
- free of chlorine and zinc containing additives
- corresponds to the requirements of the negative lists known to us

### Characteristics

|   |                        |
|---|------------------------|
| Colour / DIN ISO 2049:                  | lighter 1.0            |
| Density/15°C / DIN EN ISO 12185:        | 830 kg/m <sup>3</sup>  |
| Viscosity/40°C / ASTM D 7042 :          | 4.6 mm <sup>2</sup> /s |
| Flash point (Cleveland) / DIN ISO 2592: | > 120 °C               |

### Application

**Multicut Honolit Spezial 4** is used for honing of hardened and nitrated steels as well as hard chrome plated work pieces when using e.g. corundum or diamond stones. Furthermore, the product is used for honing injection pump housings of aluminium. **Multicut Honolit Spezial 4** is also suitable for long-stroke honing and circular honing of component parts between 2 g and 150 kg made of steel, aluminium and cast iron, as well as for superfinishing of shafts when using corundum, special fused alumina and Si-carbide honing stones. It is also suitable for machining aluminium and aluminium alloys as well as non-ferrous heavy metals. The approval of the company Nagel, Maschinen- und Werkzeugfabrik, 72607 Nürtingen is available.

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