

WPS

Lubricant for electrical contacts



Examples of Application

- All kinds of switches for currents from 1 A up to max. 15 A
- Lubrication and contact protection for silver-bearing contact systems

Materials

- Silver
- Brass
- Copper
- Copper alloys

Properties

- Very good low temperature properties
- Oxidation resistant
- Prevents formation of resins
- Neutral towards plastics and insulating materials
- Minimizes friction forces

Characteristic data

- Service temperature: -40 °C to +150 °C
- Appearance: light brown
- NLGI grade: 0-1**
- Denomination acc. to DIN 51502: ML 0-1 N-40

Thickener	Bentonite		
Unworked penetration	1/10 mm	340 - 360	DIN ISO 2137
Copper corrosion test (24 h/100 °C)	degree of corrosion	1	DIN 51811
Water resistance	evaluation	1 – 90	DIN 51807-1
Flow pressure at -35 °C	mbar	≤ 350	DIN 51805
Base oil	Polyglycol		
Kin. viscosity at 40 °C	mm ² /s	approx. 230	DIN 51562
Kin. viscosity at 100 °C	mm ² /s	approx. 45	DIN 51562

Instructions for use

- Prior to serial production product compatibility tests are recommended

* The indication refers to the unworked penetration