

PRODUCT INFORMATION

WIRE-BALM PROTEC WLS04.3

CONTACT LUBRICANT TO COAT WIRE ELECTRODES

PROPERTIES

- PROTEC WLS04.3 is a **contact lubricant to coat wire electrodes** as a finish during the production process
- Suitable **for all wire types**, except aluminium
- Removes drawing agent residue and cleans the wire (**purification**)
- Ensures **improved and constant friction values**
- **Improves current transfer**
- Forms a **protective layer** against corrosion and oxidation

ADVANTAGES

- Clean wire with ideal supply characteristics
- Process safety in processing:
stable arc with optimised ignition behavior and reduced spatter output
- Improved layered coiling and barrel finish

BENEFITS

- Increased productivity and quality in wire production
- Increased processing productivity (e.g. welding)
- Longer service life of wear parts, e.g. liner and contact tip

APPLICATION

Coat wire with PROTEC WLS04 after polishing draw.

We recommend tandem processes: after application, wipe off detached contamination and excess quantities.

Perfect results for automated application using Tribo-Cleaning-Station PROTEC TCS-2U.

SPECIFICATIONS

Effective ingredient type	Ester oil – fluid with tensioactive inhibitors	pH value	n.a.
Density (20°C)	0.88 g/ml	Flashpoint	n.a.
Viscosity (20°C)	4.0 mm ² /s	Shelf life	At minimum.12 months
Pouring Point:	-8°C	Safety datasheet	No. 05Ds3 (www.protec-austria.com)
Trading unit	400 ml bottle, ID no. W002.004 10 litre cannister, ID no. W002.010 200 litre drum, ID no. W002.200		