

# TITANIUM LUBRICANT

## 70-81/70-85

**Metaflux®**  
Technical Data Sheet

### DESCRIPTION:

A heavy duty lubricant, titanium based. This product contains no nickel and no aluminium. A must have for maintenance and installation applications. More and more well known manufacturers of high-speed/high-frequency spindles recommends 70-81/85 Metaflux lubricants for tool holders, collet chuck, clamping units and graspers. Reference can be found in the respective operating manuals and service bulletins of the following companies: DYNOMAX, EMAG MASCHINENFABRIK GmbH, HURON, HSD S.P.A., HSD DEUTSCHLAND, HSD USA, OTT-JAKOB GmbH & CO, SIEMENS, SCHWÄBISCHEN WERKZEUGMASCHINEN, WEISS SPINDEL TECHNOLOGIE GMBH, BIESSE CNC ROUTER

### USE DIRECTIONS:

Apply on a preliminarily clean surface. Pressurized container: protect from sunlight and do not expose at temperatures exceeding 50C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep out of reach from children. Without adequate ventilation formation of explosive mixtures may be possible. Do not breathe the vapors. Flammable. Follow label instruction.

### STORAGE RECOMMENDATIONS:

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Wash hands/nails/face thoroughly after handling. Wear gloves/protective clothing/eye protection/face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials. Keep containers closed when not in use. Empty containers are always dangerous

### PROPERTIES AND ADVANTAGES:

- Resists temperatures from -180°C to 1350°C
- Resists pressure up to 2,400 kp/cm<sup>2</sup>
- Resistant to water, oil, petrol, sea water, and most acids and alkalis
- Good resistance to vapors and gas, highly resistant to galvanic corrosion
- Cannot be rubbed or washed off, extremely low coefficient of friction
- Special alloyed metal colloidal lubricant.
- Economical to use

### PACKAGING:

Content	Type	Art.-No	Box
400ML. spray	AEROSOL	70-81	12
4g.	BAG	70-8508	100
100ml.	GUN	70-8501	12
350g.	CANISTER	70-8535	12
1 kg.	CANISTER	70-8510	12
400g.	TUBE	76-8540	12

