



# TECHNICAL DATA SHEET

## MOLYBDENUM PASTE WDR 450

### Description

Molybdenum Paste is a dark gray colored multi-purpose assembly paste that contains graphite and molybdenum disulphide at a high ratio and designed for high temperature use.

### Properties

- ✓ Excellent mechanical stability
- ✓ High oxidation resistance
- ✓ High aging resistance
- ✓ High resistance to washing action of water
- ✓ It significantly reduces friction up to 450°C.

### Application

Molybdenum Paste significantly reduces up to 450°C. It is used in bolts, pins, bushing, impellers etc. tight fitting parts and in all kinds of slides, rails and shafts where dry lubrication is required. It can also be used as a release agent at high temperatures.

### Typical Physical and Chemical Properties

|                          |                  | Test Method |
|--------------------------|------------------|-------------|
| NLGI Grade               | 2                | -           |
| Color                    | Dark Grey        | -           |
| Dropping Point           | >180°C           | ASTM D 566  |
| Range of Use Temperature | -25/450°C        | -           |
| Base Oil Type            | Mineral          | -           |
| Solid Lubricant Type     | MoS <sub>2</sub> | -           |
| Thickener Type           | Lithium          | -           |

### Packaging and Storage

Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 3 years. Available in 16 KG pails and 180 KG drums.

### Health and Work Safety

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling. Avoid eye and prolonged skin contact. Wash thoroughly after handling material. For more information please see the Material Safety Data Sheet (MSDS).

ART. NO.  
W 150 225

PACKAGING:  
1 KG