



# MOB 30

## MoS2 ASSEMBLY PASTE

### DESCRIPTION

**MOB 30** is a high performance assembly and mounting paste, formulated with fine particles of molybdenum disulfide in high concentration.

**MOB 30** is recommended for assembly and running-in of metallic components subjected to heavy load or operating under extreme pressure with slight or intermittent movement.

### APPLICATIONS

- Pre-treatment of mechanic assemblies in initial or repair stage:
  - Press-fit of machine parts involving heavy press fitting pressure: roller bearings, pin bearings, key-ways, bushings, spline shafts, press columns, etc.
  - Slip-fit joints: universal joints, washers, flanges and bolts, bolt screws and nuts.
  - Machine-tool guide ways and lead screw.
  - Motor connecting rods.
- Run-in lubrication of new mechanisms: machines, gear boxes, transmission gears, pistons, etc.
- Permanent lubrication of highly loaded machine elements subjected to slow movement:
  - Valves, pumps, valves spindles, wheels, fly wheels, toothed gears, threaded spindles, etc.
- Lubrication for drilling, sawing and thread cutting elements.

### PRODUCT BENEFITS

- Outstanding extreme pressure properties with high-load carrying capacity.
- Reduces friction and wear.
- Facilitates the running-in of metallic components.
- Delay fretting corrosion occurrence.
- Protects against seizure, scoring, fretting and galling.
- Provides a strong tough and durable permanent protection on metal parts against rust and oxidation.
- Facilitates assembly of press-fitted component.
- Permits easy hassle free dismantling of parts subjected to temperatures up to 450°C.
- Reduces power requirement for press fitting.
- Provides emergency/safety lubrication during start-ups and stops of heavily loaded machines.
- Extends life of installations exposed to very heavy load for prolonged periods.
- Reduces maintenance spare parts cost.
- Reduces labour cost and downtime.

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The ORAPI Group designs, manufactures and markets "Highly Technical Solutions" for Maintenance Repair and overhaul of machines and equipments. The Group is present in over 100 countries with 32 subsidiaries and an international network of import-distributors. The Group operates 7 manufacturing plants and 4 laboratories of R&D. ORAPI is certified ISO 9001 and ISO 14001.

## PHYSICAL PROPERTIES

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|  |                    |
|--|--------------------|
| Colour .....                             | Bluish Grey        |
| Nature of the base Oil .....             | Mineral paraffinic |
| Solid Additive Content.....              | 30%                |
| Work Penetration @ 25°C (NFT 60-132).... | 265/295            |
| Density @ 15°C (NFT 60-101).....         | 2000kg/m3          |
| Drop point (NFT 60 102) .....            | >150°C             |
| Operating temperature range .....        | - 40°C to + 450°C  |

## DIRECTIONS FOR USE

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Clean parts thoroughly, preferably with an organic solvent. Apply in thin layer to surfaces with a brush or cloth. Do not use in excess. Vigorous rubbing into metal surface will improve adhesion. Do not mix with any other paste or oil.

## STORAGE & SAFETY

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Two years, stored in closed original unopened containers at ambient temperature.  
Under normal condition of use, no specific hazard.

*For further information, please refer to Materials Safety Data Sheet.*

## PACKAGING

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|                 |                 |
|-----------------|-----------------|
| Tin 1kg x 6     | (Ref. O-610-B7) |
| Tube 200gm x 12 | (Ref. O-610-T4) |

## WARRANTY

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