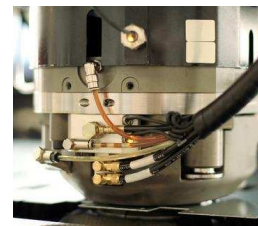


MOLYDUVAL

Moralub FSZ



White High Temperature Lubrication Paste

White solid containing lubricating paste for hot forming of metals. Suitable for the lubrication of tools for hot forming, particularly on hotflow presses and drop forging, also as a parting agent and slip additive at high temperatures. Used for the hot bending of flat steel, hot rolling, folding of sheet metal edges, and drop forging, as well as for the lubrication of separator plates.

Base fluid is a special synthetic PAO fluid, containing synergistic white solid lubricants ensuring the separation and lubrication at the high temperatures. Reduces friction and wear, protects from running in defects.

Properties

- * high pressure ability
- * good resistance against chemicals and solvents
- * good water resistance
- * good separating properties
- * good low temperature characteristics
- * low wear, long tool life
- * low residue forming
- * protects against fretting corrosion and rust

Applications

- * for tool and workpiece lubrication in hot metal forming like forging or moulding
- * as separating agent in metal casting, die casting, forging, pressing
- * for assembly of wave-hub-connections, makes disassembly possible even after long working times
- * for tool machinery, proven for injection moulding machines
- * in worm metal forming
- * for lubrication of pin ejectors of plastic injection machines
- * for sealing of connections in presence of solvents or their vapors

Technical Datas

Color		white
Consistency Class NLGI		1,5
Name		MPF1,5
Base Fluid		PAO
Name		ISO-L-XCGIB1,5
Density 15°C	kg/m ³	1500
Temperature Range	°C	-30 -> +1160
Dropping Point	°C	no
Particle Size Ø	µm	ca. 1.5

The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.

For further information, please see our website www.molyduval.com or consult your local representative.

The technical data in this information sheet represents our present knowledge and is based on our general experience. It is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product to ensure that the product is safe, effective and fully satisfactory for the intended end use. It does also not form part of any sales contract as guaranteed properties of the delivered material.