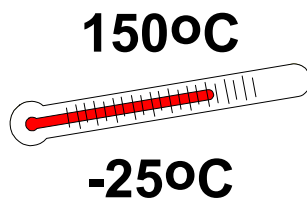
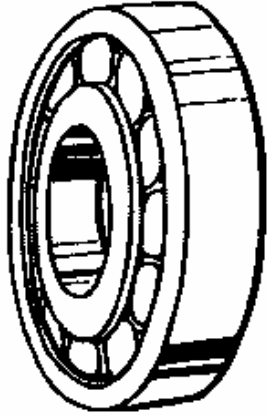


# MOLYDUVAL

## Mona Lisa 1000



### Long Term EP Grease with MoS<sub>2</sub>

MOLYDUVAL Mona-Lisa 1000 is a friction-reducing high pressure grease with MoS<sub>2</sub> for heavy-duty lubrication points. MOLYDUVAL Mona-Lisa 1000 protects against friction and wear, it still keeps its smooth structure even in unfavourable working conditions. Oxidation- and corrosion protection additives guarantees long using times and reliable corrosion protection.

#### Characteristics

- excellent load carrying properties
- very tacky and water resistant
- very good working stability
- prevents fretting corrosion
- high viscosity base oil
- long time stability, so long using times and cost reduction

#### Applications

- for heavy duty sleeve - and roller bearings especially at extreme pressures, oscillating moves
- for building equipment like dredgers, cranes, rollers, mixers, cement industry, sugar mills, machinery factory
- special suitable for slow running bearings

#### How To Use

Apply with grease gun or automatic lubrication system. Clean bearings. Fill antifreeze bearing up to the half with MOLYDUVAL Mona-Lisa 1000, fast running to one third. Slow running bearings fill up completely. Do not mix with greases based on other oils or thickeners. Relubrication intervals and quantity are considered to the working conditions

PROPERTIES	Specification	Unit	
Name	DIN 51502		KLPF2K-30 + KPF2K-30
Base Oil			Mineral oil
Color			Black
Density at 15°C	SEB 181301	kg/m <sup>3</sup>	910
Penetration, worked	DIN ISO 2137	0,1mm	265-295
Consistency class	DIN 51818	NLGI	2
Dropping Point	DIN ISO 2176	°C	ca. 150
Temperature range		°C	-30 up to +120
shortly up to		°C	130
Base Oil Viscosity at 40 °C	DIN 51562	mm <sup>2</sup> /s	850
Base Oil Viscosity at 100 °C	DIN 51562	mm <sup>2</sup> /s	60
MoS <sub>2</sub> -content	DIN 51831 T1	%	3
MoS <sub>2</sub> - particle size		µm	0,8
Graphite-content	DIN 51831 T1	%	0
Water resistance	DIN 51807	Grade	0-90
Copper corrosion	DIN 51811	Korrosion Grade	1
Oxidation stability	DIN 51808	bar	< 0,35
Mechanic-Dynamic-Test(SKF-Machine)	DIN 51806	B/120°C	bestanden
Wheel Bearing Test	ASTM D-1263		bestanden

For more information call +49 2102 9757-28 or contact us at <http://www.molyduval.com> αβχδε

The technical information in this technical data sheet represents our present knowledge.

Because of complexity of tribological systems it does not form part of any sales contract as guaranteed properties of the delivered material.