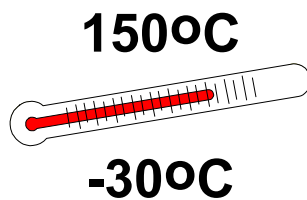
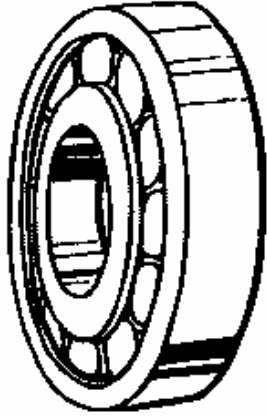


MOLYDUVAL

Mona Lisa



Long Term EP Grease with MoS₂

MOLYDUVAL Mona-Lisa is a friction-reducing high pressure grease with MoS₂ for heavy-duty lubrication points.

MOLYDUVAL Mona-Lisa 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
- oxidation-resistance: the use of Li-12-hydroxystearat as soap guarantees a higher oxidation-resistance than with conventional lithium based lubricants (important at longtime or for-life lubrication)
- very good working stability
- prevents fretting corrosion
- soft and smooth
- 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

How To Use

Apply with grease gun or automatic lubrication system. Clean bearings. Fill antifriction bearing up to the half with MOLYDUVAL Mona-Lisa, 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

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

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

MOLYDUVAL

Mona Lisa

TECHNICAL DATAS	Specification	Unit	
Name	DIN 51502		KLPF2K-30 and KPF2K-30
Name	ISO 6743-9		ISO-L-XCDEB2
Base Oil			Mineral Oil
Color			black grey
Density at 15°C	SEB 181301	kg/m ³	910
Penetration unworked	DIN ISO 2137	·0,1mm	265-295
Penetraion worked	DIN ISO 2137	·0,1mm	265-295
Consistency class NLGI	DIN 51818		2
Base Oil Viscosity at 40 °C	DIN 51562	mm ² /s	150
Base Oil Viscosity at 100 °C	DIN 51562	mm ² /s	15
Dropping point	DIN ISO 2176	°C	190
Temperature Range		°C	-30 - +130
shortly up to		°C	150
MoS2-content	DIN 51831 T1	%	3
MoS2- particle size		µm	15
Graphite-content	DIN 51831 T1	%	
Water-content	DIN ISO 3733	%	<0,1
Corrosion protection	DIN 51802	Grade	0/0
Fluidity pressure at -30°C	DIN 51805	mbar	1075
Mech-dyn-test SKF-machine	DIN E 51806	02-SKF-R2F-120	pass
Water resistance	DIN 51807 T1	Grade	1-90
Oxidation resistance	DIN 51808	bar	<0,35
Copper corrosion	DIN 5811	Grade	1
Oil Separation	DN 51817 N	%	<3
Lubricant using time	DIN 51821	F50/h	>100
VKA-value	DIN 51350 T4	N	3800
VKA-Gutlast	DIN 51350	N	3600
Timken Test	ASTM D-2509	lbs	55
Walking resistance(Pen.decr.a 10000DH)	DIN ISO 2137	·0,1mm	<10
Walking resistance(Pen.decr.a.100000DH)	DIN ISO 2137	·0,1mm	<20
Walking resistance(Pen.decr.a.2 h Shell-Roller)	DIN ISO 2137	·0,1mm	<20

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