

# MOLYSULF®

## GREASE | HIGH TEMPERATURE



### Features

- Highly resistant to water and water washout, humidity, steam, ageing and oxidation.
- Retain consistency at high temperatures.
- Low evaporation rate.
- Heavy duty performance, increase relubrication interval and cut down lubricant consumption.
- Reduce friction and provide emergency running in properties.
- Good high temperature performance.
- High surface pressure withstanding capacity.
- Increase service life of equipment.
- Prevent premature equipment failure by providing a solid lubricant film in case of lubricant starvation.

### Typical Applications

- For lubrication of anti friction and journal bearings under very severe operating conditions of wear, friction, heat, humidity, loads and high stress.
- Non-drip, non-melt bearing greases for high temperature lubrication of over head conveyor bearings in lithography, paint stoving ovens, curing booths, automotive assembly lines, ceramic, rubber, latex processing, pharmaceutical, bakery, vulcanizing, textile and glass plants.
- For lubrication of anti friction and plain bearings of pre-heater fans, electrical motors, induced draft fans, ovens, pumps, mixers, furnaces, paper mill machinery, sugar plants.

Product	Appearance / Color	Base Oil	Thickener	NLGI Grade	Drop Point °C	Operating Temperature °C	Packaging
<b>LC 2 EP</b>	smooth buttery / yellow grease with EP additives	mineral	lithium complex	2	+240	-30 to +150C	5 kg 30 kg 180 kg
<b>LC 2S</b>	smooth buttery /green grease with PTFE	mineral	lithium complex	2	+260	-20 to +260	1 kg 5 kg 30 kg 180 kg
<b>MT 25</b>	smooth buttery / black grease with MoS <sub>2</sub>	mineral	lithium complex	2	+260	-25 to +250	1 kg 5 kg 30 kg
<b>NMG 47</b>	smooth buttery / black grease with MoS <sub>2</sub>	mineral	inorganic thickener	2	None	-30 to +180 (short peaks to +200)	1 kg 5 kg 30 kg 180 kg
<b>NMG 220</b>	smooth buttery / black grease with MoS <sub>2</sub>	ISO VG 220 mineral	inorganic thickener	2	None	-30 to +225	30 kg 180 kg
<b>NMG 460</b>	smooth buttery / black grease with MoS <sub>2</sub>	ISO VG 460 mineral	inorganic thickener	2	None	-20 to +250	30 kg 180 kg
<b>NMG 1000</b>	smooth buttery / black grease with MoS <sub>2</sub>	ISO VG 1000 mineral	inorganic thickener	2	None	-2 to +200	30 kg 180 kg

## GREASE | HIGH TEMPERATURE, WATER RESISTANT

Product	Appearance / Color	Base Oil	Thickener	NLGI Grade	Drop Point °C	Operating Temperature °C	Packaging
<b>SP 500</b>	smooth / brown	mineral	calcium complex thickener	2-1	+290	-20 to +150	5 kg 30 kg 180 kg
<b>SP 500 (M)</b>	smooth buttery / black grease with MoS <sub>2</sub>	mineral	calcium complex thickener	2-1	+290	-20 to +150	30 kg 180 kg

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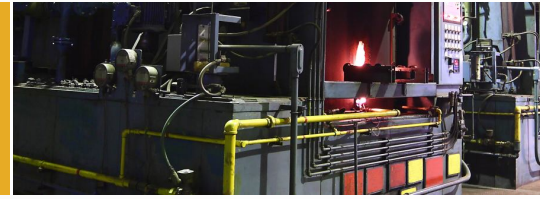
**GREASE** | HIGH LOADS, TEMPERATURE; SYNTHETIC



Product	Benefits / Applications	Type	NLGI Grade	Drop Point °C	Operating Temperature °C	Packaging
<b>NMG 200</b>  Synthetic Grease with MoS <sub>2</sub>	<ul style="list-style-type: none"> <li>• Very good adhesion to metal surfaces.</li> <li>• Non melting and does not drip off to contaminate other components.</li> <li>• Highly resistant to water washout, humidity, steam, ageing &amp; oxidation.</li> <li>• Retains consistency at high temperatures.</li> <li>• Low evaporation rate.</li> </ul>	gray black synthetic oil inorganic thickener additives	2	None	-20 to +250	1 kg 5 kg 30 kg
<b>NMG 300</b>  Synthetic Grease with MoS <sub>2</sub>	<ul style="list-style-type: none"> <li>• Very good adhesion to metal surfaces.</li> <li>• Non melting and does not drip off to contaminate other components.</li> <li>• Highly resistant to water washout, humidity, steam, ageing &amp; oxidation.</li> <li>• Retains consistency at high temperatures.</li> <li>• Low evaporation rate.</li> </ul>	gray black synthetic oil inorganic thickener additives	2	None	-25 to +270	1 kg 5 kg 30 kg
<b>PAG G2</b>  Synthetic Grease for Bearings	<ul style="list-style-type: none"> <li>• Broad operating temperature range.</li> <li>• At elevated temperatures (over 200°C) the synthetic base fluid evaporates without carbonizing leaving behind only a dry lubricating film of solids that adheres naturally to metal component surfaces to provide exceptional lubrication even under the most severe conditions.</li> </ul>	black synthetic oil inorganic thickener	2	None	-30 to +600	1 kg 5 kg
<b>Tribosulf 410</b>  Synthetic Grease with MoS <sub>2</sub>	<ul style="list-style-type: none"> <li>• High pressure, high load withstanding synthetic grease.</li> <li>• Contains micro fine molybdenum disulfide solid lubricants to enhance load bearing capacity.</li> <li>• Maintains a solid lubricating film between contact surfaces to prevent wear due to friction.</li> <li>• Excellent resistance to steam, water, humidity and ideally suitable for lubrication of bearings under adverse operating conditions.</li> </ul>	gray black synthetic oil inorganic thickener	2	None	-30 to +260	1 kg 5 kg
<b>Tribosulf 540 R2</b>  Synthetic Grease  (Available in NLGI 1 & 00 Grades)	<ul style="list-style-type: none"> <li>• Synthetic grease for lubrication of anti friction and journal bearings under very severe operating conditions of wear, friction, heat, humidity, loads and high stress.</li> <li>• Non melting and does not drip off to contaminate other components.</li> <li>• Highly resistant to water and water washout, humidity, steam, ageing and oxidation.</li> <li>• Retains consistency at high temperatures.</li> <li>• Low evaporation rate.</li> </ul>	red synthetic oil inorganic thickener	2	None	-20 to +200	1 kg 5 kg 30 kg

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**GREASE** | HIGH TEMPERATURE, PFPE / PTFE BASED



Synthetic high performance high temperature greases for withstanding heat, chemicals, solvents, corrosion, toxicity, flammability, compatibility and providing increased service life.

#### Benefits

- Extremely wide service temperature range.
- Excellent chemical and water washout resistance.
- Excellent resistance to oxidation and high degree of thermal stability.
- Non reactive to metal, plastic, elastomers and rubber.
- Extremely low evaporation loss.
- Very good extreme pressure and wear characteristics.
- Non flammable, chemically inert non toxic.

#### Applications

- Tenter frames in textile industry.
- Life time sealed, maintenance free bearings.
- Bearings in paper and corrugation manufacturing machines.
- Paint plant conveyor bearings.
- Fan blower and ventilation fan bearings.
- Conveyor bearings in glass and aluminum plants.
- Oxygen and chlorine plants and pumping stations.
- Rollers in conveyor ovens, tunnel ovens, reaction chambers, furnaces.
- Bearings of kiln cars, tyre molding machines, bakery equipment, vacuum pumps, driers, electric motors.

Product		Type	NLGI Grade	Drop Point °C	Operating Temperature °C	Packaging
<b>Fluonox™ 303</b> PFPE / PTFE Grease	non flammable, synthetic high temperature grease exhibiting exceptional thermal resistance	white synthetic oil thickener	2	None	-30 to +288	1 kg
<b>NMG 400</b> Special Grease for Ejector Pins	synthetic high temperature grease for lubrication of ejector pins in plastic processing machines	white synthetic oil thickener	2	None	-20 to +300	1 kg