

# MOLYNOC GREASE AP

## High Load Carrying Capacity Grease Containing Molybdenum Disulfide

MOLYNOC GREASE AP is blended from top-grade lithium soap grease and molybdenum disulfide solid lubricants, and provides outstanding load carrying capacity and antiwear performance. It is ideal for use on lubricating points subjected to high loads and heavy shocks. MOLYNOC GREASE AP is free from lead and minimizes environmental pollution.

### ● SPECIAL FEATURES

#### 1. Outstanding Load Carrying Capacity and Antiwear Performance

MOLYNOC GREASE AP contains a well-balanced blend of molybdenum disulfide and extreme pressure agents. These two components work together to provide a much higher level of load carrying capacity and antiwear performance than any conventional molybdenum disulfide grease.

#### 2. Superb Mechanical Stability

When grease is used in bearings and gears, it is exposed to strong shear stress. Since MOLYNOC GREASE AP maintains its grease structure even under sever shear, its mechanical stability is superb.

#### 3. Excellent Oxidation Stability

MOLYNOC GREASE AP has a high level of oxidation stability, so it suffers very little oxidation degradation and can be used for extended periods.

#### 4. Excellent Water Resistance

Since MOLYNOC GREASE AP cannot be rinsed away easily by water, it provides superb lubrication even when mixed with water.

#### 5. Superior Rust Prevention

MOLYNOC GREASE AP provides excellent rust prevention, so it keeps rust from forming even under very humid conditions.

#### 6. Excellent Pumpability

Grades 0 and 1 of MOLYNOC GREASE AP have very low pumping resistance, so they are ideal for centralized lubrication.

#### 7. Minimizes Environmental Pollution

The "AP" in the Product name stands for "Anti-pollution". MOLYNOC Grease AP is free from lead and minimizes environmental pollution from used grease and from grease washed into drainage systems.

### ● APPLICATIONS

Joints and chassis points in automobiles, bearings and gears in construction and agricultural machinery, and lubricating points in all types of industrial machinery, especially where excellent load carrying capacity and antiwear performance are required.

### ● CONTAINERS

	0	1	2
180-kg drum		✓	✓
16-kg pail can	✓	✓	✓
400 g bellows-type tube (20 pcs.)	✓	✓	✓

## ● TYPICAL TEST DATA FOR MOLYNOC GREASE AP


Grade (NLGI No.)		0	1	2
Thickener type		Li soap	Li soap	Li soap
Appearance		Black, semi solid	Black, semi solid	Black, semi solid
Base oil viscosity (100°C)	mm <sup>2</sup> /s	19.5	19.5	19.5
Penetration (25°C, 60 strokes)		371	323	280
Dropping point	°C	186	200	199
Oil separation (100°C, 24h)	mass%	15.6	4.5	1.6
Oxidation stability (99°C, 100h)	kPa	30	31	30
Water washout resistance (38°C, 1h)	mass%	5	2	1
ASTM four balls test, WL	N	3923	3923	3923
Operating temperature range (approx.)	°C	-20 to 125		

*Note: The typical properties may be changed without notice. (June 2025)*



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil(s), Thickener, Additives
<b>Hazard pictograms:</b>	
<b>Signal word:</b>	Warning
<b>Hazard Statement:</b>	<p>May cause an allergic skin reaction.</p> <p>May cause damage to organs (blood systems).</p> <p>Harmful to aquatic life</p> <p>Harmful to aquatic life with long lasting effects.</p>
<b>Precautionary Statements:</b>	<ul style="list-style-type: none"> <li>• Do not handle until all safety precautions have been read and understood.</li> <li>• Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>• Do not allow the eyes to become exposed to the product. Do not swallow the product.</li> <li>• Avoid release to the environment.</li> <li>• Contaminated work clothing should not be allowed out of the workplace.</li> <li>• Do not breathe dust/fume/gas/mist/vapours/spray.</li> <li>• Wash hands thoroughly after handling.</li> <li>• Do not eat, drink or smoke when using this product.</li> </ul>
<b>Response</b>	<ul style="list-style-type: none"> <li>• IF SWALLOWED: Immediately call a POISON CENTER/doctor.</li> <li>• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li> <li>• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.</li> <li>• IF ON SKIN: Wash with plenty of soap and water.</li> <li>• If skin irritation or a rash occurs: Get medical advice/attention.</li> <li>• Take off contaminated clothing and wash it before reuse.</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.</li> <li>• Containers that have been opened must be tightly sealed.</li> <li>• Store locked up.</li> </ul>
<b>Disposal</b>	<ul style="list-style-type: none"> <li>• Dispose of contents/container in accordance with local/regional/national/international regulations.</li> <li>• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.</li> </ul>