

# MOLYNOC GREASE AP

## High Load Carrying Capacity Grease Containing Molybdenum Disulfide

MOLYNOC GREASE AP is a dark-gray grease containing molybdenum disulfide. Since it is blended from top-grade lithium soap grease and molybdenum disulfide solid lubricants, MOLYNOC GREASE AP 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 from used grease and from grease washed into drainage systems.

### ● 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 with 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

180-kg drum, 16-kg pail can, 2.5-kg can (6 pcs.)(except No.0) and 400 g bellows-type tube (20 pcs.)

### ● TYPICAL TEST DATA FOR MOLYNOC GREASE AP

		0	1	2
Penetration (25°C,6W)		365	318	290
Dropping Point	°C	195	199	201
Soap Type		Li	Li	Li
Water washing resistance(38°C, 1h)	mass%	5.0	3.0	2.0
Oxidation Stability (99°C,100h)	kPa	19.6	19.6	19.6
Base Oil Viscosity (100°C)	mm <sup>2</sup> /s	18.1	18.1	18.1
Approx. Operating Temperature Rang	°C	-20 to 125		



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil, Thickener, Additives
<b>Precautionary pictograms :</b>	 
<b>Signal word:</b>	Warning
<b>Hazard Statement:</b>	May cause allergic skin reaction May cause damage to organs (or state all organs affected(blood systems))
<b>Precautionary Statements :</b> <b>Prevention</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>• 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 or doctor/physician.</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 exposed or concerned : Call a POISON CENTER or doctor/physician.</li><li>• Take off contaminated clothing and wash before reuse.</li><li>• If skin irritation or a rash occurs: Get medical advice/attention.</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>