



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 severe 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 drums, 16-kg pail cans, 2.5-kg cans (except No.0), 400-g squeeze tubes.

TYPICAL TEST DATA

		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
Oil Viscosity (100°C)	mm ² /s	18.1	18.1	18.1



Handling Precautions

▼ Follow these precautions when handling this product.

<p>! CAUTION</p> <p>Handling Precautions</p>	<ul style="list-style-type: none"> ● <u>Inflammation can occur if grease enters the eyes.</u> When handling this grease, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>. ● <u>Inflammation can occur if grease comes into contact with skin.</u> When handling this grease, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>. ● Do not eat this grease. (Swallowing this grease can cause diarrhea and nausea.) ● <u>When opening the container, wear protective gloves</u> in order to avoid cutting your hands. ● <u>Keep out of reach of children.</u> ● Read the Material Safety Data Sheet (MSDS) for this product before using the product. Obtain the Material Safety Data Sheet from where you purchased the product.
<p>First Aid</p>	<ul style="list-style-type: none"> ● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician. ● In case of skin contact, wash skin thoroughly with soap and water. ● If this grease is swallowed, do not induce vomiting. Consult with a physician immediately.
<p>Disposal of Used Grease and Containers</p>	<ul style="list-style-type: none"> ● Do not apply pressure to empty containers. The containers may burst if pressure is applied. ● Do not weld, heat, drill, or cut the containers. The remaining grease may ignite and the containers may explode. ● Follow all applicable laws and regulations when disposing of used grease or containers. If you are unsure of the proper disposal methods, consult first with the seller of the grease.
<p>Storage Method</p>	<p>Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the grease. Store in a dark location. Avoid direct sunlight.</p>