

ART OIL LMG 12-110 GREASE

DESCRIPTION

ART OIL LMG 12-110 GREASE is a gray-black lithium soap special grease containing molybdenum disulfide (MOS2) solid lubricant that reduces friction and wear.

FIELDS OF USAGE

It is used in chassis lubrication, hinged joints, universal joint, wheel bearings, front assemblies, and bushing joint pins. It is also well suited for many industrial applications requiring molybdenum grease, especially for sliding surfaces, rolling bearings, cams, ship rope lubrication, plain railway bearings, and chains. It operates between -20 and 110 °C.

PROPERTIES

- Especially recommended for construction machines as it has an extremely high resistance to washing with water.
- In favor of the molybdenum disulfide it contains, it prevents metal-to-metal contact in extreme vibration operations.
- Extends bearing life and prevents fatigue.
- Extends bearing life by forming a buffer oil film in vibrating environments.
- Reduces maintenance costs, reduces malfunctions, and increases production efficiency.

PERFORMANCE LEVELS

DIN 51825-KPF 2 K-20

STORAGE

- Packaging should be stored in covered areas with the lids tightly closed.
- It should not be exposed to the direct effects of sun heat and heat sources.
- The ambient temperature should not exceed 60°C.
- Maximum two pallets should be stored on top of each other.
- Consult the Material Safety Data Sheet (MSDS) for more information.

SUBSTANTIAL AND CHEMICAL PROPERTIES

NLGI Number	-	2
Color	-	Gray - Black
Soap Type	Standard	Lithium-Molybdenum
Processed Penetration, 25°C	ASTM D 217	265-295
Dropping Point, min. (°C)	ASTM D 566	190
Operating Temperature, max. (°C)	-	-20/+110
Base Oil Viscosity, cSt 40°C	ASTM D 445	110

(*) Values may differ from production to production.

HEALTH AND SAFETY

Used waste products should not be dumped into underground and above-ground water sources, sewer connections, and garbage. Prolonged contact with used oils can cause skin diseases. Therefore, sterile gloves should be used. If the used oil encounters the skin, that area should be washed immediately with plenty of water and soap. If irritation or redness occurs in case of skin contact, seek medical advice immediately.