

ART OIL LITHIUM COMPLEX GREASE

DESCRIPTION

ART OIL LITHIUM COMPLEX GREASE is a formulation containing EP additives, which are resistant to water washing and temperature by adding special additives to thickeners with lithium-complex structure and improved resistance to impact loads.

FIELDS OF USAGE

It can be easily used in rolling mills, in bearings and plain bearings with vibrating and shock loads at medium, high speed, and elevated temperatures, in automotive, paper, mining, cement, agricultural machinery, construction machinery industry, in moving belt conveyor bearings operating under demanding conditions, in crane mechanisms, in marine vehicles.

PROPERTIES

- Provides the opportunity to work under shock loads with superior extreme pressure properties.
- Extends the life of the bearing by reducing fatigue and wear.
- Reduces maintenance costs and malfunctions and increases production efficiency.
- Can be easily printed in central systems and cold.
- Reduces grease consumption and operating costs.

PERFORMANCE LEVELS

DIN 51825- KP 1(1,5) P-20, DIN 51825-KP 2 P-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	-	1,5	2
Color	-	Blue	Blue
Soap Type	Standard	Lithium Complex	Lithium Complex
Processed Penetration, 25°C	ASTM D 217	270-320	265-295
Dropping Point, min. (°C)	ASTM D 566	>240	>240
Operating Temperature, max. (°C)	-	150	200
Base Oil Viscosity, cSt 40°C	ASTM D 445	220	460

(*) 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.