

Plastic Grease

Lithium Grease EP

Description-composition: highly refined mineral oil, lithium soaps of fatty acids and upgrading additives.

Application and properties:

- lubrication of rolling and slide bearings;
- medium loaded elements, low gears;
- reduces wear and friction;
- protects against corrosion;
- for application in services and for everyday use;
- working temperatures range -30°C to 130°C.

Special features:

- contains a package of additives providing high oxidation resistance as well as excellent lubrication and anti-wear properties.
- grease of green colour.

Lp.	Requirements	Research Methods by	Unit	Value		
				EP-0	EP-1	EP-2
1.	Worked penetration at 25°C,	ASTM D 217	0,1 mm	370	335	280
2.	Dropping point	ASTM D 566	°C	175	185	195
3.	Base oil viscosity 40 °C	ASTM D 445	mm ² /s	90		

The above given data are the typical values for a production batch, they are not included in technical specification, and they are subject to change due to continual product research and development.

Specifications, classifications:

DIN51502/51825:

Litowy EP-0: KP0K-30

Litowy EP-1: KP1K-30

Litowy EP-2: KP2K-30

ISO 6743:

Litowy EP-0: ISO-L-XCCHB 0

Litowy EP-1: ISO-L-XCCHB 1

Litowy EP-2: ISO-L-XCCHB 2

Packaging:

10kg, 40kg, 180kg

Product Handling:

The grease does not contain any ingredients posing a direct threat to the health of living organisms and the environment.

Storage:

The products should be stored under a roof or, if it is not possible, they should be stored under cover. The products should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low. The expiry date is not less than 3 years if the storage conditions are satisfied.

Health, industrial safety and the environment:

Information concerning health, industrial safety and the environment is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products. LOTOS Oil SA and does not take responsibility for misuse of the product or – the use with the violation of the precautions given.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use (particularly in trade and investment decision-making) of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.

Prepared: 15th February 2008

Edition №: 4

Updating: 27.01.2012