



POLYUREA GREASE NLGI-1.5 MINERAL OIL BASED

Polyurea grease NLGI 1.5 is an extreme-pressure grease designed to give enhanced lubrication in loaded low to medium-speed industrial bearings, especially in continuous steel casting lines. It is also recommended for the lubrication of high-temperature slow-moving concast bearings in the steel industry. It can also be used in high-temperature, slow-moving bearing applications.

APPLICATIONS

Polyurea grease NLGI 1.5 is designed to give enhanced lubrication in loaded low to medium-speed industrial bearings, especially in continuous steel casting lines. It is also recommended for the lubrication of high-temperature, slow-moving concast bearings in steel industry.

PRODUCT ADVANTAGES

- The operating temperature range is -10°C to +150°C
- Outstanding high-temperature oxidation stability
- Good anti-corrosion properties
- Excellent resistance against water washout
- Long operational life

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE
NLGI Grade	ASTM D217	15
Thickener Type	-	Di- Urea
Base Oil Type	-	Mineral
Appearance	Visual	Smooth & Homogenous
Color	Visual	Light Brown
Work Penetration, 0.1mm	ASTM D217	305
Dropping Point, °C, Min	ASTM D2265	250
Cu Corrosion	ASTM D4048	1b
Four Ball Weld Load, Kgf	ASTM D2596	min 250
Emcor Rust Test, Rating	IP 220	0-0
Heat Stability, %Wt.	ASTM D6184	3 max
Operating Temperature Range °C	INTERNAL	-10 to 150
Base Oil Viscosity @40°C (Cst)	ASTM D445	460

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with grease and grease may cause skin disorders. Avoid contact. Wash immediately with soap and water. For further information on Safety Guidelines please refer to MSDS available on our website www.rexol.uk

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet at www.rexol.uk

PROTECT THE ENVIRONMENT:

Comply with local regulations. Do not discharge into drains, soil, or water.

STORAGE & HANDLING:

We recommend storing all packages under cover. Never leave grease containers improperly covered, uncovered, or open. Keep them tightly sealed between uses. If the containers are stored outside, a heavy canvas tarpaulin, plastic sheet, or lean-to can be used to keep off water or dirt. Ideally, grease should be stored in a cool, dry indoor area that does not exceed 86 degrees °F (30 degrees °C) and remains above 32 degrees °F (°C).