



POLYUREA GREASE SYNTHETIC

Polyurea grease is a synthetic, high-performance, and long life product suitable for fill-for-life applications in wide range of industrial applications. This grease is based on synthetic, high-viscosity base stock engineered with performance additives resulting in an outstanding long life, high-performance grease. The product has also excellent water resistance and water washout characteristics. It is recommended for steel, paper, wind power applications as well as heavy duty slow moving plain and rolling element bearings operating in severe environments.

APPLICATIONS

Polyurea grease is recommended for steel, paper, wind power applications as well as heavy duty slow moving plain and rolling element bearings operating in severe environments.

PRODUCT ADVANTAGES

- The operating temperature range is -30°C to 150°C
- Outstanding high-temperature oxidation stability
- Excellent extreme pressure properties
- High dropping point
- Effective corrosion protection
- Long operational life

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	ASTM D217	15	2
Thickener Type	-	Di- Urea	Di- Urea
Base Oil Type	-	Fully Synthetic	Fully Synthetic
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Light Brown	Light Brown
Work Penetration, 60 Strokes, 0.1mm	ASTM D217	305	265-295
Dropping Point °C, Min	ASTM D2265	250	250
Cu Corrosion	ASTM D4048	1b	1b
Oxidation Stability, Drop In Pressure, Psi	ASTM D942	max 5	max 5
Oil Separation, % Wt.	ASTM D6184	max 3	max 3
Operating Temperature Range °C	INTERNAL	-30 to 150	
Base Oil Viscosity @40°C (Cst)	ASTM D445	460	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).