



Technical Data Sheet

Indu-Tek Polygrease 2

A premium quality Polyurea, long life, high temperature, water resistant, grease for applications in Industrial and Mining industries

Polygrease 2 is a special polyurea thickened grease with a highly refined, mineral base oil designed for applications up to 150°C making it ideal for high temperature bearings that require long life with the added benefit of high load carrying, high wear resistance and high anti corrosion properties. **Polygrease 2** has excellent mechanical and oxidation stability giving extended life and temperature resistance for automotive, textile, furnace and foundry along with other high temperature, heavy load and wet applications.

Applications: -

All types of bearings and grease points at high service temperatures, high pressures, electric motors, washing machines and conveyor systems.

Features and Benefits: -

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| ➤ Excellent water resistance | Extending component and lubricant life |
| ➤ Corrosion resistant | Protects against condensation from changing temperatures |
| ➤ Excellent mechanical stability | maintains consistency in severe operating conditions |
| ➤ Superior adhesion | lower lubricant use, better resistance to water washout |
| ➤ EP additives | reduces friction and wear and extends component life |
| ➤ Superb Oxidation resistance | Increased lubricant life |

Method of Application: -

Polygrease 2 can be applied by hand, or by using a standard grease gun, or via a central lubricating system designed for and capable of pumping a NLGI No.2 grease.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application.

Part Number: 11040



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Typical Characteristics and properties

Appearance	-	Soft, tacky grease
Colour	-	Light Brown
NLGI classification (IP50)	-	2
Worked Penetration (IP 50)	-	265 to 295
Thickener	-	Polyurea Complex
Base oil	-	highly Refined Mineral Oil
Base Oil Viscosity at 40°C	-	220 cSt
Dropping Point (ASTM D-2265)	-	>220°C
Water Washout (ASTM D-1264)	-	<2%
Resistance to corrosion Emscor (IP 220)	-	0:0
Wear Scar diameter (1 hour at 40 kg)	-	0.5 mm
Operating temperature range	-	-20°C to +150°C

The content of this data sheet is given in good faith but without warranty