



## Technical Data Sheet

### **Indu-Tek Premium EP Grease Range NLGI No. 00, 1, 2 & 3**

**A premium quality multi-purpose, high load lithium grease for industrial, automotive and mining applications**

**Premium EP Grease** is a premium quality lithium soap grease designed with high quality refined mineral base oils and fortified with Extreme Pressure (EP) additives, corrosion and rust inhibitors. These greases are formulated to give high loads and shock loading resistance, excellent sealing capacity, and very good resistance to water.

**Applications: -**

Industrial: All anti-friction and plain bearings, general machinery lubrication points, fifth wheels and other heavy duty applications.

Mining: General lubrication points. Most heavy duty, high wear applications

**Features and Benefits: -**

- |                                 |  |
|---------------------------------|--|
| ➤ Good load carrying capability | Protects surfaces from damage especially in high load applications, extending component life |
| ➤ High wear resistance          | Elongates component life   |
| ➤ Corrosion resistant           | Extends component life   |
| ➤ Good water resistance         | Protects components in all conditions  |
| ➤ Very good adhesion            | Stays on surface longer, extending lubrication intervals                                     |

**Method of Application: -**

**Premium EP Grease** can be applied by hand, grease gun or via a central lubricating system designed for and capable of pumping an NLGI grade 00, 1, 2 or 3 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 Numbers:	NLGI 00	11001
	NLGI 1	11003
	NLGI 2	11004
	NLGI 3	11005



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### Typical Characteristics and properties

Appearance	-	Smooth grease
Colour	-	Beige
NLGI classification	-	00, 1, 2, 3
Thickener	-	Lithium soap
Base oil	-	Refined Mineral oil
Dropping Point (IP 132) °c	-	>175°c
Oil Separation (IP 121)	-	>5%
Copper corrosion (IP 112)	-	Pass
Resistance to corrosion Emcor (IP 220)	-	0:0
Water Washout (ASTM D1264) 39°c	-	2 – 3%
Four Ball Weld Load (IP239) kg	-	400
Operating temperature range	-	-30°c to +120°c

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