



## Technical Data Sheet

### Indu-Tek Open Gear Grease 2.5

**Premium Quality Grease fortified with graphite, molybdenum & polymer additives with outstanding corrosion protection for Industrial, Offshore and Mining applications**

**Indu-Tek Open Gear Grease** is a aluminium complex soap thickened grease based on premium grade mineral oil incorporating solid lubricants, polymers, extreme pressure additives, and a blend of antioxidants and corrosion inhibitors, combining to provide highly effective lubrication with excellent corrosion protection.

**Indu-Tek Open Gear Grease** has been specially developed for the lubrication of all types and sizes of open gears, including spur, helical and bevel drive gears.

#### **Applications: -**

Industrial, Offshore and Mining: Lubrication of all types of open gears including spur, helical, bevel and worm gears that are subject to extreme loads, high temperatures and water saturated conditions.

#### **Features and Benefits: -**

- |                                 |   |
|---------------------------------|---|
| ➤ Extreme Pressure properties   | Protects against shock loading and wear extending in service life               |
| ➤ Water resistant and repellent | Fully resistant to water, can be applied to wet surfaces                        |
| ➤ High Load                     | Withstands Loads up to 7,000kg/cm <sup>2</sup> (100,000 psi) which reduces wear |
| ➤ Easy to apply                 | Saves time  |
| ➤ Adhesive texture              | ensures maximum gear surface protection   |
| ➤ Pre-Treatment                 | Due to the high solid content it is ideal as a running-in & service lubricant   |

#### **Method of Application: -**

**Indu-tek Open Gear Grease** can be applied via automatic lubrication system, brush or spatula. It is not necessary for equipment to be treated to be dry of water, the dewatering characteristics of **Indu-tek Open Gear Grease** also enables it to be applied to wet surfaces.

Part Number: 71003



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### Typical Characteristics and properties

Appearance	-	Adhesive Grease
Colour	-	Black
NLGI classification (IP50)	-	2.5
Thickener	-	Aluminium Complex
Base oil	-	Mineral oil
Viscosity @ 40°C	-	500 cSt
Micronized solids content	-	13%
Timken OK load (IP326)	-	27 kg. (60 lb.)
Four ball weld load (IP239)	-	700 kg.
Operating temperature range	-	-30°C to +180°C Short term +220°C

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