



Technical Data Sheet

Indu-Tek Open Gear Grease

A premium solvent free, sprayable, semi fluid open gear grease with outstanding corrosion protection for Industrial and Mining applications

Indu-tek Open Gear Grease is a premium quality, solvent free semi fluid aluminium complex grease based on refined hydrocarbon oil incorporating solid lubricants, polymers, extreme pressure additives, and a blend of antioxidants and corrosion inhibitors, combining to provide highly effective lubrication with outstanding corrosion protection.

Indu-tek Open Gear Grease has been specially designed for the lubrication of all open gear types, including spur, helical, worm and bevel drive gears, as well as for steel tyres and supporting rollers, that are subjected to extreme loads at high working temperatures. This lubricant is bitumen and solvent free.

Applications: -

Industrial and Mining: Lubrication of all types of open gears including spur, helical, bevel and worm gears, in machinery such as kilns, ball mills and other continuous process industries

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 |
| ➤ Long lasting thin film protection | almost dry to touch, does not collect dirt and dust. |
| ➤ Easy to apply | Saves time |
| ➤ Adhesive texture | ensures maximum gear surface protection |

Method of Application: -

Indu-tek Open Gear Grease is formulated to enable economic application by automatic spray systems (pressure 60 psi). However, it can also be applied manually by brush if necessary. 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: BL-71001



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Typical Characteristics and properties

Appearance	-	Semi-fluid tacky grease
Colour	-	Black
NLGI classification (IP50)	-	0
Thickener	-	Aluminium Complex
Base oil	-	Highly Refined mineral oil
Viscosity @ 40°C	-	850 cSt
Micronized solids content	-	10%
Timken OK load (IP326)	-	20 kg. (45 lb.)
Four ball weld load (IP239)	-	700 kg.
FZG failure load stage (mod. IP334)	-	> 12
Operating temperature range	-	-30°C to +180°C Short term +200°C

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