LITHIUM 000 EP

Last Updated: 09.01.2025
Product Code: GR0243

LITHIUM 000 EP is a premium quality semi-fluid grease designed for centralised lubrication systems. Suitable for anti-friction and plain bearings subjected to high load conditions. Lithium 000 EP can also be used for gearboxes designed to operate with a semi-fluid slumping grease.

APPLICATION

Lithium 000 EP can be applied manually, or via a centralised lubricating system capable of pumping an NLGI No. 000 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. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

BENEFITS

- Excellent extreme pressure and anti-wear performance
- High degree of corrosion protection
- Highly versatile semi-fluid grease for centralised lubrication

TYPICAL PROPERTIES

Colour & Appearance	Smooth Semi-Fluid Grease
Colour	Dark Brown
NLGI Classification	000
Thickener	Lithium Soap
Base Oil	Solvent Refined Mineral Oil
Base Oil Viscosity @ 40°C (IP 71) cSt	180
Worked Penetration (IP 50)	445 to 475
Copper Corrosion (IP 112)	Pass

Resistance To Corrosion

Emcor (IP 220)	0 : 0
Four Ball Weld Load (IP 239) kgs	315
Timken OK Load (IP 326) lbs	50
Operating Temperature Range	-30°C to +110°C

HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

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