



Technical Data Sheet

PRODUCT NAME : **LITHIUM 000EP**

PRODUCT CODE : **0251/0066**

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..

FEATURES

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

METHOD OF APPLICATION

LITHIUM 000/EP can be applied manually, or via a centralised lubricating system capable of pumping an NLGI No. 000 grease; consult a qualified centralised lubrication systems engineer before installation. 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

Properties	Specification	Results
Appearance	-	Smooth grease
Colour	-	Dark brown
NLGI classification	-	000
Thickener	-	Lithium soap
Base oil	-	Blend mineral oils
Worked penetration	IP50	445-475
Dropping point (°C)	IP132	185 min.
Oil separation (%)	IP121	N/a
Copper corrosion	IP112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C %	ASTM D1264	N/a
Four Ball Weld Load (kgs)	IP 239	315
Operating temperature range	-	-30°C to +110°C

The information in the above is believed to be accurate and given in good faith but without warranty. It is the users responsibility to determine the suitability of the product. (Feb 2014)