

TAPPCO lubricants

Sudan - Khartoum, P.O. Box: 13368

Khartoum (2) - Block No. 5 - Building No. 19

Tel: (+249) 183 5794 49 Fax: (+249) 183 5794 47

Email: Sales@Tappco-lubes.com Technical@Tappco-lubes.com

www.Tappco-lubes.com



Product Technical
Specification

LITHIUM GREASE EP

Product Description:

This product is a premium quality grease prepared from refined base oils and lithium hydroxy stearate soap thickener.

This grease contains oil soluble EP additives to provide protection against seizure under highly loaded service conditions. The grease also contains additives to inhibit oxidation and rust.

Applications:

This Product is recommended for use in highly loaded industrial and automotive applications such as wheel bearings, pump bearings etc. It is suitable for use in high pressure greasing equipment. (NLGI 1,2,3)

Also recommended for use in industrial equipment and in some automotive gear box applications where a semi fluid grease of this type is called for. (NLGI 000,00,0)

Typical Test Data:

NLGI Classification	000	00	0	1	2	3
Colour	Green/brown					
Appearance	Smooth fluid grease	Smooth semi-fluid grease	Smooth soft grease	Medium fibred grease	Medium fibred	Medium fibred grease
Soap Base	Lithium					
Un-worked Penetration (IP50)	445-475	400-430	355-385	310-340	265-295	220-250
Worked Penetration (IP50)	445-475	400-430	355-385	310-340	265-295	220-250
Copper corrosion (IP 112)	1b	1b	1b	N/A	N/A	N/A
Operating Temperature (°C)	-30 to +110	-30 to +110	-30 to +110	-20 to +130	-20 to +140	-20 to +140
Drop Point (°C) (IP132)	N/A	N/A	N/A	180 min	180 min	180 min
Mean Hertz load	58	58	58	N/A	N/A	N/A
Four ball weld load (Kg _s)	315	315	315	N/A	N/A	N/A
Water Washout @ 38 °C	N/A	N/A	N/A	5% MAX	5% MAX	5% MAX
Timken OK Load (Kg)	20	20	20	20	20	20

Availability:

This product is available in:

180 Kg, 12.5 Kg, 3 Kg, 1 Kg, 0.5 Kg.

Benefits:

- Good mechanical stability.
- Good oxidation stability.
- Good load carrying capabilities.
- Good pump ability.
- Good corrosion protection.
- Compatible with other lithium based greases.
- Good resistance to shock loads.
- Usable over a wide temperature range.
- Semi fluid grease having excellent pumpability. (NLGI 0,00,000)

Health & Safety: (Group 5)

Please refer to the relevant health and safety data sheet, a copy of which is freely available to all of our customers.

Issued by: TAPPCO - Technical Department - August 2016

Approved by: EXOL U.K - Technical Department.