marine lubricants

Starplex® EP 3

Description

Starplex® EP 3 Starplex EP 3 is a high performance long-service multipurpose lead-free grease, formulated for long-term service in roller-and ball-bearing applications, operating at high temperatures and under high loads.

With a wide operating temperature range, Starplex EP 3 is formulated with mineral base stocks with temperature resistant lithium complex soap thickener, combined with EP additives and wear, corrosion and oxidation inhibitors. Starplex EP 3 offers good mechanical stability and is suited to bearing lubrication under conditions where strong vibrations are present.

Typical Characteristics

NLGI Grade	**3**
MPID	**219952**
Colour	Brown
Texture	Smooth
Soap type	Lithium Complex
Penetration worked, mm/10	220–250
Dropping Point, °C	>250
Base oil type	Mineral
Base oil viscosity at 40°C, mm^2/s	115
Copper corrosion, 24h/100°C	1
Emcor distilled water	0/0
Four ball weld load, N	2800
Four Ball Wear, mm	0.3
Water resistance static	1–90

Recommended Applications

Starplex EP 3 grease is used for lubricating machines and components which are subjected to high thermal and mechanical loads over a long service life. It has been tested in applications involving extreme pressures, vibrations and impact stress, wet conditions, dust, and in the presence of plastic seals. This product largely covers the applications of conventional lithium, sodium and calcium greases, as well as of aluminum and calcium complex greases.

Starplex EP 3 can be a substitute for various grease types, therefore reducing the number of greases that must be kept in storage.

Operating temperature: –20°C up to 150°C with frequent re-lubrication up to 200°C for a short period of time.

Starplex EP 3 Meets The Requirements Of:

- ☑ **DIN 51825** KP 3 P-20
- ☑ **ISO 6743-9** ISO-L-XBDEB3

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Starplex EP 3 Is Recommended For Use In:

- ☑ **Automobile wheel bearings and generators**
- ☑ **Clutch thrust bearings**
- ☑ **Brake cylinders**
- ☑ **Fan bearings**
- ☑ **Electric motors**
- ☑ **Kiln cars**
- ☑ **Rollers in drying plants**
- ☑ **Paper machines**
- ☑ **Washing and dish washing machines**
- ☑ **Special do-it-yourself machines**
- ☑ **Household appliances**

Performance Benefits

1. Wide Temperature Range Application

Formulated to promote long-term lubrication performance in wide temperature conditions and reliable thermal performance contributes robust protection under high temperature conditions.

2. Long Bearing Service Life

Mechanical stability helps maintain lubrication performance in bearings which are subject to strong vibrations. High pressure load capacity promotes long-term wear resistance.

3. Protects Metal Surfaces

Assists long-term corrosion protection where moisture, water or aggressive atmospheres are present.

4. Improves Equipment Life

Good sealing characteristics help protect lubrication points from dust, dirt and water. Tough, adhesive oil film performance aids long-term component protection.

Environment, Health And Safety

Information is available on this product in the Safety Data Sheet (SDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain an SDS for this product visit chevronmarineproducts.com.

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