



Libra EP1 Grease

A grease for use in selected bearings subject to high load

Product code: Z004

Product Description:

Libra EP1 is a premium quality, multi-purpose lithium soap based grease.

Libra EP1 is manufactured from lithium soaps and extreme pressure additives. It is suitable for use in all anti-friction and plain bearings subjected to high load conditions.

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

Application:

Libra EP1 is recommended for use in low to moderately high loaded industrial and automotive applications such as wheel bearings, pump bearings etc. It is suitable for use in high pressure greasing equipment.

Typical Test Data:

Colour	Light brown
Appearance	Smooth grease
NLGI Classification	1
Soap Base	Lithium
Worked Penetration (IP50)	310 - 340
Copper Corrosion (IP 112)	1b
Drop Point °C (IP132)	180 min.
Four Ball Weld Load, 10s (kgf)	315
Four Ball Wear Scar, 40kg 1hr (mm)	0.54
Oil Separation, 42hrs @ 40°C (%)	5.8
Operating Temperature °C	-30 to +140