

TECHNICAL DATASHEET

BEP-120 FG-0



Nonfood Compounds
Program Listed: H-1
Reg. No.: 168906

PRODUCT DESCRIPTION

BEP-120 FG-0 is a calcium sulphonate complex thickened lubricating grease based on synthetic oils. BEP-120 FG-0 contains antioxidants and corrosion inhibitors. The product does not contain conventional EP and AW-additives since they are built in as an integral part of the soap structure.

The functional soap and synthetic oil blend gives the product excellent load carrying capacity making it suitable for heavily loaded applications at a wide temperature range. The grease also has superb mechanical stability, good corrosion protection and excellent water resistance.

BEP-120 FG-0 is a modern high performance product suitable for food industries where lubricants may have incidental contacts with food stuff. It is recommended for bearings operating under heavy loaded and wet conditions at medium speeds over a wide temperature range. BEP120 FG-0 is suitable for most automated lubricating equipment.

BEP-120 FG-0 is registered under No. 168906 at NSF according to H1 regulations for lubricants with incidental food contact. BEP-120 FG-0 does not contain any mineral oils to be able to meet the EU Commission Recommendation 2017/84 of 16 January 2017 (MOSH & MOAH).

This product is manufactured in an ISO 21469 certified facility.

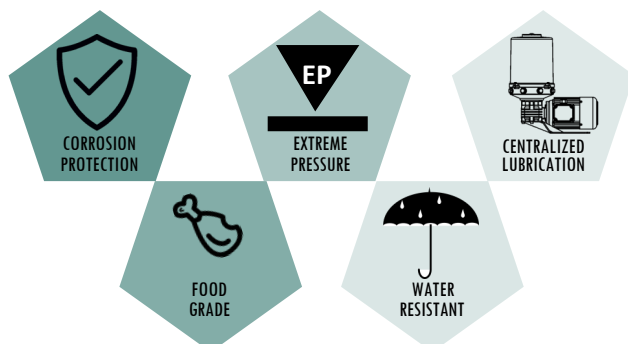
TECHNICAL DATA

Thickener	Calcium Sulphonate Complex	
Base Fluid	Synthetic oil-blend	
Texture	Smooth	
Color	Visual	Beige
Density	IP 530	991 kg/m ³
NLGI Grade	ASTM D217	0 - 0.5
Dropping point	IP 396	>300°C
Base Oil Viscosity at 40° C	ASTM D7152	104 cSt
Base Oil Viscosity at 100° C	ASTM D7152	18 cSt
Penetration 60 Strokes	ISO 2137	345 - 375
4-Ball Weld Load	DIN51350:4	650 kg
Water Resistance at 90° C	DIN51807:1	1
Water Wash Out at 79°C/175°F	ISO 11009	< 10%
Emcor Salt Water	ISO 11007	0-0
Flow Pressure at -40° C	DIN51805 m	<800 mBar
Recommended Temperature Range	-40°C to +145°C	

Content no Mineral Oil

Excellent water resistance

Excellent resistance to shock loads



Shelf life: 3 years from date of manufacture, Batch coding durability is printed on label to each unit.

Storage: Store unopened in 5° - 20°C, must be stored dry and away from products with odors.

Cibum Lubricants
Erritsoe Mollebanke 10
7000 Fredericia
Denmark

Phone + 45 36981899
Web: cibum-lubricants.com
Mail: mail@cibum-lubricants.com