

TECHNICAL DATASHEET

CIBUM POLY-SYNTH® FG-2



Nonfood Compounds
Program Listed H1
Reg. No.: 164302

PRODUCT DESCRIPTION

CIBUM POLY-SYNTH® FG-2 is a Polymer thickened lubrication grease based on a full-synthetic base oil. The grease contains antioxidants, corrosion inhibitors, excellent E.P. and Anti-wear additives.

CIBUM POLY-SYNTH® FG-2 has excellent compatibility with other lubricating grease technologies and additives. The grease is engineered specifically for food processing and packaging machinery.

CIBUM POLY-SYNTH® FG-2 is very resistant to water and may be used as open or enclosed gear grease. This product provides superior high speed performance and good adhesion properties. The product is engineered to carry load, protect against corrosion, and work in extreme environments exposed to salt water, cleaning agents and other contaminants. This performing grease is especially performing in industries like beverage, dairies, fish- and meat processing and protein- and bakery industries. CIBUM POLY-SYNTH® FG-2 is registered under No. 164302 at NSF according to H1 regulations for lubricants with incidental food contact. Allergen letter is available according to EU 1169/201. CIBUM POLY-SYNTH® FG-2 does not contain genetically modified ingredients (GMO) or hydrogenated fats.

CIBUM POLY-SYNTH® FG-2 is suitable for Kosher applications and for Halal applications. CIBUM POLY-SYNTH® FG-2 is acceptable for incidental Food Contact (H1) and meets the requirements FDA § 27 of Article 21 CFR 178.3570.

CIBUM POLY-SYNTH® FG-2 meets the European Parliament and Council Regulation (EC) No 1935/2004 of 27 October 2005, as Decree No 502 of 19 August 2005. CIBUM POLY-SYNTH® FG-2 does not contain any mineral oils to be able to meet the EU Commission Recommendation 2017/84 of 16 January 2017.

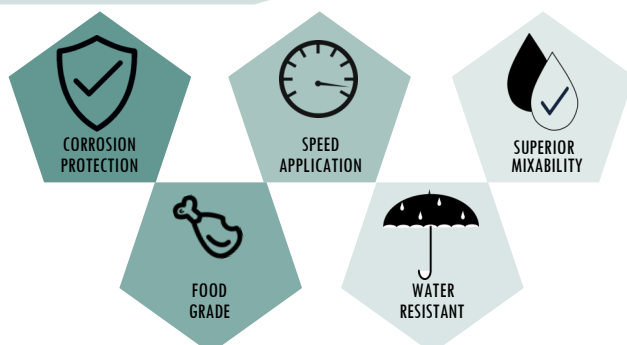
TECHNICAL DATA

Base Oil	Synthetic Oils	
Thickener	Polymer Blend	
Color	Visual	Beige
Texture	Smooth	
Density	IP 530	858 kg/m ³
NLGI Grade	ASTM D217	2
Dropping point	IP 396	155°C
Base Oil Viscosity at 40° C	ASTM D7152	115 cSt
Base Oil Viscosity at 100° C	ASTM D7152	26 cSt
Penetration 60 Strokes	ISO 2137	290-300
4-Ball Weld Test	DIN51350:4	280 kg
FE-9/6000/1500/B/120°C (hours)	DIN51821	F10=152 F50= 230
Copper corrosion (3h/100° C)	ISO 2160	1a
Emcor salt (100 % ssw)	ISO 11007-1	3
Water Wash Out at 79°C/175°F	ISO 11009	<1 %
Flow Pressure (mBar at -50° C)	DIN51805-2	1300
Recommended Temperature Range	-55°C to +110°C	

Content No Mineral Oil

High Speed Performance

Extreme Long Life Time



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

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

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