TECHNICAL DATASHEET

CIBUM HIGH-TEMP 02414 FG

PRODUCT DESCRIPTION

CIBUM HIGH-TEMP 02414 FG is a high-temperature grease formulated with specialized base oils, high-temperature-resistant thickeners, boron nitride micropowder, and a unique processing technique to prevent metal-to-metal contact under extreme conditions.

Application Range:

This ultra-high-temperature, metal-ion-free lubricating grease is composed of nano-scale white boron nitride powder and polyol ester (POE) oil, offering anti-oxidation, anti-corrosion, and anti-wear properties. The boron nitride high-temperature compound prevents flaking, burning, cold coagulation, and corrosion, effectively protecting treated components without causing damage.

Applications:

Designed for use in ultra-high-temperature environments, CIBUM HIGH-TEMP 02414 FG is ideal for bearings, slides, and other components that require stable, long-lasting lubrication under demanding conditions in Food machinery applications.

TECHNICAL DATA		
Base Fluid		Synthetic Esters
Texture		Smooth
Color	Visual	White
NLGI Grade	ASTM D217	2
Base Oil Viscosity at 40° C	ASTM D7152	227 cSt
Base Oil Viscosity at 100° C	ASTM D7152	21.2 cSt
Penetration 60 strokes	ISO 2137	250-280
Density	IP 530	1.10 kg/m3
Recommended Temperature Range		-20°C to +450°C

Allergen letter is available according to EU 1169/201, HIGH-TEMP 02414 FG does not contain genetically modified ingredients (GMO) or hydrogenated fats. CIBUM HIGH-TEMP 02414 FG is suitable for Kosher applications and for Halal applications.

CIBUM HIGH-TEMP 02414 FG is acceptable for incidental Food Contact (H1) and meets the requirements FDA § 27 of Article 21 CFR 178.3570. CIBUM HIGH-TEMP 02414 FG meets the European Parliament and Council Regulation (EC) No 1935/2004 of 27 October 2005, as Decree No 502 of 19 August 2005. CIBUM HIGH-TEMP 02414 FG does not content any mineral oils to be able to meet the EU Commission Recommendation 2017/84 of 16 January 2017.

Excellent Thermal Stability

Extreme High Temperature Grease

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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