



FRAGOL GREASE FG-CA 2-400

FRAGOL GREASE FG-CA 2-400 is a high performance PAO-based, Calcium Sulphonate thickened Grease providing unsurpassed resistance to extreme pressures and corrosion in applications in the food-, feed- and pharmaceutical industries.

FRAGOL GREASE FG-CA 2-400 meets the requirements of FDA 21 CFR 178.3570 and is H1-registered for processes where incidental food contact can occur. All FRAGOL H1-registered products are manufactured according to ISO 21469:2006 which supports producers' HACCP and GMP programs. FRAGOL H1-lubricants do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

APPLICATIONS

- Bearings operating under exceptional loads
- Low speed bearings
- Machinery operating in low ambient temperature
- Heavy duty machinery operating in the presence of water, heat and/or extreme loads

BENEFITS

- High load carrying capacity
- Exceptional mechanical and thermal stability, even in the presence of water and heat
- Extreme resistance to water and even salt spray
- High corrosion protection
- Resistance to shock load
- Extended life performance

TYPICAL CHARACTERISTICS

FRAGOL GREASE FG-CA 2-400	Value	Unit	Method
Temperature range	-30 to 175	°C	-
Appearance	smooth, tan paste	-	visual
NLGI consistency	2	-	ASTM D-217
Base oil viscosity @ 40 °C	400	mm ² /s	ASTM D-445
Worked penetration 60 strokes @ 25 °C	265–295	0.1 mm	ASTM D-217
Penetration change 100,000 strokes @ 25 °C	4.5	%	ASTM D-217
Dropping point	318	°C	ASTM D-2265
4-Ball Weld Point	400	kg	ASTM D-2596
4-Ball Wear 40 kg, 1200 RPM, 75 °C	0.5	mm	ASTM D-2266
Water Washout loss @ 80 °C	0.5	%	ASTM D-1264
Salt Fog corrosion	> 300	hours	ASTM B-117
Bearing Life Performance @ 1000 rpm, 160 °C	260	hours	ASTM D-3527
FE-8 test rig 80 kN, 75 rpm, 500 h, 80 °C	Low wear		DIN 51819 T1-T3
Wear outer ring	8	mg	
Wear inner ring	3	mg	
Wear cage	6	mg	
Wear rollers	17	mg	
Speed factor	400.000	mm/min	-

SPECIFICATIONS

FRAGOL GREASE FG-CA 2-400 meets or exceeds the requirements of the following specifications:

DIN 51.502: KPHC2S-30

COMPATIBILITY

FRAGOL GREASE FG-CA 2-400 is compatible with commonly used seals, gaskets, hoses and paints.

Greases from different chemistries should not be mixed. When change over is required thorough cleaning is recommended.