



FRAGOL GREASE FG-CA 2-100

FRAGOL GREASE FG-CA 2-100 is a high performance PAO based, Calcium Sulphonate thickened Grease providing unsurpassed resistance to high temperatures and speeds in applications in the food-, feed- and pharmaceutical industries.

FRAGOL GREASE FG-CA 2-100 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
- Medium to high speed bearings
- Sealed-for-life bearings
- Electric motor bearings
- Heavy duty machinery operating in the presence of water, heat and/or extreme loads

BENEFITS

- High load carrying capacity
- Exceptional thermal and oxidation stability
- Outstanding thermal resistance
- Extreme resistance to water and even salt spray
- High corrosion protection
- Resistance to shock load
- Extended life performance

TYPICAL CHARACTERISTICS

FRAGOL GREASE FG-CA 2-100	Value	Unit	Method
Temperature range	-40 to 180	°C	-
Appearance	smooth, tan coloured paste	-	visual
NLGI consistency	2	-	ASTM D-217
Base oil viscosity @ 40 °C	100	mm ² /s	DIN 51562
Worked penetration 60 strokes @ 25 °C	280	0.1 mm	ASTM D217
Low Temperature Torque 1N·m @ start @ -40 °C @ -18 °C	7500 600	N·m N·m	ASTM D-1478
Low Temperature Torque 1N·m @ 60 min @ -40 °C @ -18 °C	800 125	N·m N·m	ASTM D-1478
Dropping point	318	°C	ASTM D2265
4-Ball Weld Load	400	kg	ASTM D-2596
Water Washout loss @ 80 °C	0.5	%	ASTM D-1264
Bearing Life Performance hours @ 1000 rpm, 160 °C	240	hrs	ASTM D-3527
Speed Factor	400.000	mm/min	-

SPECIFICATIONS

FRAGOL GREASE FG-CA 2-100 meets or exceeds the requirements of the following specifications:

DIN 51.502: KPLHC2K-40

COMPATIBILITY

FRAGOL GREASE FG-CA 2-100 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.