

FG80 | Enviro Blend

Calcium Sulphonate Food Grade Grease

DESCRIPTION:

Enviro Blend FG80 Calcium Sulphonate Food Grade Grease is a premium high performance high quality grease developed for use anywhere a food grade NSF H1 or calcium sulphonate grease is needed or called for.

PERFORMANCE CHARACTERISTICS:

- Low and High Operating Temperatures - in Both Cold and Hot Environments
- Exceptional Water Washout and Water Resistance - Water Does Not Affect FG80
- Great Pumpability - Excels in Cold Environments
- Extreme Resistance to High Heat and Oxidation
- Closes Out Moisture and Caustic Contaminants - Creates Great Seal
- High Resistance to Acids and Bases - Grease Stays in Place
- Less Grease Use (1/3 Normal NSF H1 Greases) when Compared to Other NSF H1 Greases
- Low Pound Out - Grease Stays in Place
- Extremely High Dropping Point - Doesn't Break Down as Fast Due to Heat
- Inherent Corrosion Resistance
- High Load Carrying Ability and Wear Resistance - Protects Machinery
- Brings High Extreme Pressure Protection for Boundary and Mixed Lubrication Regimes

COMPOSITION:

FG80 is fully formulated from highly refined white oils, including high viscosity index base oils and extreme property additives and components.

USES:

Enviro Blend FG80 is recommended for the lubrication of any machinery or equipment used to produce, process, package and/or transport food where incidental contact with food may occur. It is registered with the National Sanitation Foundation (NSF) Nonfood Compounds Registration as a H1 lubricant. It is also recommended for use where other extreme calcium sulphonate grease properties are desired.

APPLICATIONS:

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| <input type="checkbox"/> Food Processing Machinery | <input type="checkbox"/> Refrigerators |
| <input type="checkbox"/> Food Packaging Machinery | <input type="checkbox"/> Bearings |
| <input type="checkbox"/> Food Transport Equipment | <input type="checkbox"/> Couplings |
| <input type="checkbox"/> Textile Machinery | <input type="checkbox"/> Water Treatment Plants |
| <input type="checkbox"/> Farm Equipment | <input type="checkbox"/> Dairies |
| <input type="checkbox"/> Power Tools | <input type="checkbox"/> Central Lubrication Systems |
| <input type="checkbox"/> Appliances | <input type="checkbox"/> Roller Bearings |
| <input type="checkbox"/> Water Environments | <input type="checkbox"/> Ball Bearings |
| <input type="checkbox"/> High Temperature Environments | <input type="checkbox"/> Slider Bearings |
| <input type="checkbox"/> Ovens | <input type="checkbox"/> Needle Bearings |



FG80

TYPICAL SPECIFICATIONS:

ENVIRO BLEND

CALCIUM SULPHONATE FOOD GRADE GREASE H1

NLGI Grade	2
Thickener Type	Calcium Sulphonate
Worked Penetration, ASTM D217, 77°F, 60 Strokes	265-295
Texture and Color	Smooth and Beige
Dropping Point, ASTM D2265, °F	>=600
Rust and Corrosion, ASTM D2509	Pass
Timken OK Load, pounds	70
Four Ball Wear, ASTM D2266 Scar Diameter, mm	0.45
Four Ball EP, Weld Point, ASTM D2596, Kg	>800
Copper Corrosion max	1b
Water Washout, ASTM D1264, 1 hr, 175° F, % Loss	0
US Steel Mobility grams/minute at 25° F grams/minute at 0° F	119 19
Operating Temperature Range	-10°F to >450°F (-23°C to >232° C)
Base Oil Viscosity mm2/sec (cSt) at 40° C mm2/sec (cSt) at 100° C	105 12