



ANDEROL FGCS 2 HD is an over-based Calcium Sulfonate based grease developed with patented technology. This is characterized by exceptional mechanical stability, high load carrying performance, reduced wear and excellent resistance to water and corrosion.

ANDEROL FGCS 2 HD has a NSF/H1 and InS/H1 registration. This product meets the lubrication requirements of equipment operating in food processing plants. ANDEROL Food Grade Lubricants meet the requirement of the FDA regulation 21 CFR 178.3570

ANDEROL FGCS 2 HD may be handled using conventional grease handling and dispensing methods.

APPLICATIONS / ADVANTAGES

- Superior mechanical stability, particularly in the presence of heat and water
- Excellent resistance to water washout and spray-off
- Excellent rust prevention properties
- Excellent thermal and oxidation stability
- Excellent load carrying ability and wear protection
- Resistant to shock load
- H1 grease for incidental contact with food

REGISTRATIONS / APPROVAL

ANDEROL synthetic hydrocarbon based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an **ANDEROL** synthetic hydrocarbon based lubricant.

HANDLING AND STORAGE

ANDEROL Lubricants generally present little hazard in normal handling if ordinary care is exercised. If spilled, cover with inert, absorbent material and remove. Flush the area with water.

Although **ANDEROL** Lubricants are not highly flammable, they will burn and should be kept away from open flames. In case of fire, use water spray, foam, carbon dioxide, or dry chemical.

ANDEROL Lubricants should be stored preferably in protected locations to prevent contamination. Do not re-use drums; flush and send to re-conditioner.

PROPERTIES	TEST METHOD	ANDEROL FGCS-2 HD
NLGI Grade		2
Thickener		Ca-Sulfonate
Type of Base Oil		PAO
Base Oil Viscosity, cSt @ 40 °C	ASTM D-445	400
Color		Tan
Operating temperature for long-term lubrication, °C	ASTM D-2265	-30 to 175
Short term admissible temperature peak value, °C	ASTM D-92	200
Mechanical Stability, % Change @ 10000 Strokes	ASTM D-217	4.5
Dropping Point, °C	ASTM D-97	318
4-Ball Weld Load, kg	ASTM D-2596	400
4-Ball Wear, mm	ASTM D-2266	0.50
Water Washout, % lost @ 80°C	ASTM-D1264	3.5
Salt Fog Corrosion, hours	ASTM B117	>300
Bearing Life Performance, hours @ 1000 rpm, 160°C	ASTM D-3527	260
Fe-8 (80 kN, 75 rpm, 500 h, 80°C)	DIN 51819 T1-T3	Low wear of rollers, rings and cages
Wear outer ring		8
Wear inner ring		3
Wear Cage		6
Wear Rollers		17

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

APPROVALS / REGISTRATIONS



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