



PRODUCT DATA SHEET

ANDEROL FGCS-2 HD



H1 Synthetic Heavy Duty Food Grade Grease

ADVANTAGES/BENEFITS

- 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

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 registration, and meets the lubrication requirements of equipment operating in food processing plants. This product is certified Kosher by the Orthodox Union and Halal by the Islamic Food Council of Europe.

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.

COMPATIBILITY

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.

PROPERTIES	TEST METHOD	ANDEROL FGCS-2 HD
Color	visual	Tan
Thickener		Ca-Sulfonate
Type of Base Oil		PAO
Operating temperature for long-term lubrication	ASTM D-2265	-30 to +175°C
Short time admissible temperature peak value	ASTM D-92	+200°C
Dropping Point	ASTM D-97	318°C
Base Oil Viscosity @ 40°C	ASTM D-445	400
4-Ball test welding load	ASTM D-2596	400
4-Ball Wear, mm	ASTM D-2266	0.50
Water Washout, % lost @ 80°C	ASTM D-1264	0.5

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HANDLING & 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
Bearing Life Performance, hours @ 1000 rpm, 160°C	ASTM D-3527	260
NLGI Grade		2
Mechanical Stability, % Change @ 10000 Strokes	ASTM D-217	4.5
Salt Fog Corrosion, hours	ASTM B-117	>300
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

REGISTRATIONS

