

ANDEROL FGCS-2

Food Grade Calcium Sulfonate Complex Grease NLGI-2

Product Data Sheet



ANDEROL FGCS 2 is an over-based Calcium Sulfonate based grease with exceptional load carrying ability, excellent mechanical stability and good resistance to oxidation and corrosion.

ANDEROL FGCS 2 equals or outperforms other premium Food-Grade greases.

APPLICATIONS / ADVANTAGES

- Superior mechanical stability, particularly in the presence of heat and water
- formulated to resist separation under centrifugal forces
- Excellent rust prevention properties
- Excellent load carrying ability and wear protection
- Excellent resistance to water washout and spray-off
- H1 grease for incidental contact with food
- Heavy duty food-grade applications
- Life performance is typically increased by two to three that of a regular mineral oil based grease

REGISTRATIONS / APPROVAL

ANDEROL lubricants are approved, recommended and field tested by many OEM's in the Food processing, bottling, canning, meat processing and pharmaceutical industries

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
Thickener		Ca-Sulfonate
Color		Tan
Type of Base Oil		White Oil
Operating temperature for long-term lubrication, °C		-20 to 160 °C
Short term admissible temperature peak value, °C		+200°C
Dropping Point, °C		318°C
Worked Penetration		265 to 295 0.1 mm
Base Oil Viscosity at 40°C	DIN ISO 2176	Approx. 95 mm ² /s
4-Ball Weld Load	DIN ISO 2137	4000 N
Water Washout @ 80°C	DIN 51.562	0.3% removed
Bearing Life Performance, hours @ 1000 rpm, 160°C	ASTM D-2596	180 hours
Low Temperature Torque at -40°C	ASTM D-1264	11.0 Nm
Designation	ASTM D-3527	KP 2 U-40
	ASTM-D-4693	
	DIN 51.502	

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

APPROVALS / REGISTRATIONS



ANDEROL BV
 Punterweg 21 A
 6222 NW MAASTRICHT
 The NETHERLANDS
 Tel No.: +31 (0)43 352 41 90
 Fax No.: +31 (0)43 352 41 99
 www.anderol-europe.com

This information is furnished without warranty, representation, inducement, or license of any kind except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL to be accurate. ANDEROL does not assume any legal responsibility for use of reliance upon it. Only Chemists or chemically qualified lab technicians should carry out tests. Before using any chemicals, read its label and Material Safety Data Sheet.