

Anderol[®] FGCS-2

Anderol[®] Food grade greases

Description

Food Grade Calcium Sulfonate Complex Grease NLGI-2

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.

Anderol[®] FGCS-2 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.

Features and Benefits

- 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.

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 & 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.



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Technical data*

PROPERTY	METHOD	ANDEROL FGCS-2
Color	visual	Tan
Thickener		Ca-Sulfonate
Type of Base Oil		White Oil
Operating temperature for long-term lubrication		-20 to +160°C
Short time admissible temperature peak value	ASTM D-92	+200°C
Dropping Point	ASTM D-97	318°C
Worked Penetration	DIN ISO 2137	265 to 295 0.1 mm
Base Oil Viscosity @ 40°C	ASTM D-445	Approx. 95 mm ² /s
4-Ball test welding load	ASTM D-2596	4000 N
Water Washout, % lost @ 80°C	ASTM D-1264	0.3
Bearing Life Performance, hours @ 1000 rpm, 160°C	ASTM D-3527	180
Low Temperature Torque at -40°C	ASTM D-4693	11.0 Nm
Designation	DIN 51.502	KP 2 K-30

*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] FGCS-2**

This product is NSF H1, Kosher, Halal registered.

For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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