

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.



Anderol[®] FGCS-2

Anderol[®] Food grade greases

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	ASTM D-2265	-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 P-20

*The analytical data are guide values.



Anderol[®] FGCS-2

Anderol[®] Food grade greases

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

This is a product of Anderol BV
Groot Egtenrayseweg 23
5928PA Venlo
The Netherlands
www.anderol.com

This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

©2021 LANXESS and the LANXESS Logo are trademarks of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries in the world.

North America
+1.833.LANXESS
customer.care@lanxess.com

Europe, Middle East & Africa
+31.77.396.0340
customerservice@anderol.com

South & Central America
+55.19.3522.5083
atendimento.cliente@lanxess.com

Asia Pacific
+86.21.6109.6666
Orders.apac@lanxess.com

