

### Anderol<sup>®</sup> FGCS-2

#### Anderol<sup>®</sup> Food grade greases

##### Description

##### Food Grade Calcium Sulfonate Complex Grease NLGI-2

**Anderol<sup>®</sup> 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<sup>®</sup> FGCS-2** equals or outperforms other premium Food-Grade greases.

**Anderol<sup>®</sup> 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<sup>®</sup>** 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<sup>®</sup>** 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<sup>®</sup>** 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<sup>®</sup>** 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	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 <sup>2</sup> /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-30

\*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol<sup>®</sup> FGCS-2**

This product is NSF H1, Kosher, Halal registered.

For registrations, certificates and approvals please refer to [anderol.com](http://anderol.com)

® = registered trade mark

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