

Anderol[®] C-NRT Plus 32 FG

Anderol[®] Food grade lubricants compressors and vacuum pumps

Description

H1 Inert Synthetic Vacuum Lubricant

Anderol[®] C-NRT Plus 32 FG is a unique, NSF/H1 registered, extremely stable synthetic based vacuum pump lubricant. It is specifically designed to provide extremely low reactivity and long-term lubrication in industrial applications, where contact with (reactive) chemistries cannot be avoided.

Where any other chemistry fails, this product will withstand attacks of all aggressive gasses and resist the rapid breakdown which is unavoidable with any other mineral/ester/PAO based product.

The complementary thermal and oxidative stability of the base fluid in combination with oxidation inhibitors, extends lubricant life at elevated temperature conditions.

Thanks to its excellent detergency effect deposit/lacquering formation is avoided.

Features and Benefits

- Chemically inert to chemical gasses of acidic nature.
- No metal additives to interfere with catalytic processes.
- Increases maintenance intervals.
- Greatly reduces fire and explosion hazard.
- Lower oil consumption.
- Eliminates lacquering and deposits completely.
- Reduces energy consumption.

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.



Anderol[®] C-NRT Plus 32 FG

Anderol[®] Food grade lubricants compressors and vacuum pumps

Application

Especially designed to lubricate vacuum pumps in combination with reactive gasses.

Also suitable for other rotary equipment.

Applicable in contact with following gases:

Air	Ethylene	Natural gas	Sulfur Hexafluoride
Butadiene	Helium	Methane	Bio gas
Carbon Monoxide	Hydrogen	Nitrogen	
Furnace (crack) gas	Fluoride gasses	Propane	
Carbon Dioxide (dry)	Hydrogen Sulfide (dry)	Synthesis Gas	

Nominal Operating Range -40°C to 200 °C

Technical data*

PROPERTY	METHOD	ANDEROL C-NRT PLUS 32 FG
ISO VG	ASTM D-2422	32
Appearance @ 20°C	Visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	32.8
Viscosity @ 100°C, cSt	ASTM D-445	5.4
Viscosity Index	ASTM D-2270	97
Density @ 15°C, kg/l	ASTM D-1298	0.9
Total Acid Number, mg KOH/g	ASTM D-664	0.06
Flash Point, °C	ASTM D-92	246
Pour Point, °C	ASTM D-97	-43
Demulsibility @ 54°C, min	ASTM D-1401	10

**The analytical data are guide values.*



Anderol[®] C-NRT Plus 32 FG

Anderol[®] Food grade lubricants compressors and vacuum pumps

Consult safety data sheet (SDS) for additional handling information on **Anderol[®] C-NRT Plus 32 FG**

This product is NSF H1, Kosher, Halal registered and produced in a ISO 21469 certified plant.

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.

©2025 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

