

# ANDEROL FGC 32

## H1 High Performance Food Grade Compressor Lubricant Product Data Sheet



**Anderol FGC 32** is a synthetic compressor oil based on a mixture of specially selected non-toxic synthetic polyalphaolefins combined with a high performance additive Technology.

**Anderol FGC 32** meets the lubrication requirements of air compressors running in food processing plants.

**Anderol FGC 32** meets or exceeds DIN 51506

Anderol FGC range is available in the grades ISO VG 32, 46, 68, 100 and 150.

**Anderol FGC 32** is NSF/H1 and InS/H1 registered. The product is certified Kosher by the Orthodox Union and Halal by the Islamic Food Council of Europe.

ANDEROL Food Grade Lubricants meet the requirement of the FDA regulation 21 CFR 178.3570.

### PRODUCT SPECIFICATIONS

PROPERTIES	TEST METHOD	ANDEROL FGC 32
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	32.6
Viscosity @ 100°C, cSt	ASTM D-445	6.1
Viscosity Index	ASTM D-2270	136
Density @ 15°C, kg/l	ASTM D-1298	0.830
Total Acid Number, mg KOH/g	ASTM D-664	0.05
Flash Point, °C	ASTM D-92	240
Pour Point, °C	ASTM D-97	-57
Demulsibility @ 54°C,min	ASTM D-1401	5

### ADVANTAGES / BENEFITS

- Fewer oil changes
- Compatible with compressor seals, gaskets, hoses and air system components
- Reduced varnish lacquering and deposits
- Less maintenance intervals
- Lower oil consumption
- Excellent anti-wear properties
- Rust and oxidation inhibited
- Good water separation

### 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.

This product was tested and found compatible to be used in ammonia systems.

### APPLICATION

Recommended for use in rotary-screw compressors and other rotating equipment applications where incidental food contact may occur.

Nominal Operating Range is -35/-40°C to 170°C.

### APPROVALS

- Unilever



Nonfood Compounds  
Program Listed



InS Registered  
No: 1794606

ANDEROL® FGC 32

Category Code: H1

NSF Registration No. 131423



©ANDEROL is a registered trademark of ANDEROL Inc.

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

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.

**ANDEROL®**  
Specialty Lubricants



ReinhardOil.dk  
Helleruplund Alle 8  
DK-2900 Hellerup  
Tel: +45 70 26 70 07  
CVR 32659470  
www.reinhardoil.dk