



## PRODUCT DATA SHEET

# ANDEROL FGC 46



## Synthetic Food Grade Compressor Lubricant

### 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

**ANDEROL FGC 46** 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 46** meets the lubrication requirements of air compressors running in food processing plants.

**ANDEROL FGC 46** meets or exceeds DIN 51506.

**ANDEROL FGC 46** is NSF/H1 registered. The product is certified Kosher by the Orthodox Union and Halal by the Islamic Food Council of Europe.

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

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

PROPERTIES	TEST METHOD	ANDEROL FGC 46
ISO VG	ASTM D-2422	46
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	47.9
Viscosity @ 100°C, cSt	ASTM D-445	7.9
Viscosity Index	ASTM D-2270	135
Density @ 15°C, kg/l	ASTM D-1298	0.834
Total Acid Number, mg KOH/g	ASTM D-664	0.05
Flash Point, COC, °C	ASTM D-92	265
Pour Point, °C	ASTM D-97	-57
Demulsibility @ 54°C, min	ASTM D-1401	10

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

### REGISTRATIONS



**ANDEROL**®  
Specialty Lubricants

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