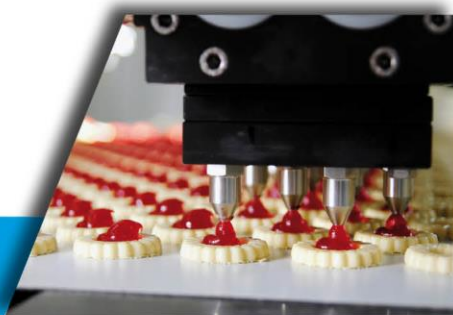




## PRODUCT DATA SHEET

# ANDEROL FG XL 46



## H1 High Performance Food Grade Compressor Lubricant

### ADVANTAGES/BENEFITS

- Fewer oil changes
- Compatible with compressor seals, gaskets, hoses and 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.

**ANDEROL FG XL 46** is a next generation synthetic compressor oil based on a mixture of specially selected non-toxic synthetic polyalphaolefins combined with a high performance additive technology. This advanced formulation provides additional detergency properties preventing lacquer and varnish formation.

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

**ANDEROL FG XL 46** meets or exceeds DIN 51506.

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

**ANDEROL FG XL** range is available in the grades ISO VG 15, 32, 46, 68, 100 and 150.

PROPERTIES	TEST METHOD	ANDEROL FG XL 46
ISO VG	ASTM D-2422	46
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	45.7
Viscosity @ 100°C, cSt	ASTM D-445	7.8
Viscosity Index	ASTM D-2270	140
Density @ 15°C, kg/l	ASTM D-1298	0.839
Total Acid Number, mg KOH/g	ASTM D-664	0.09
Flash Point, COC, °C	ASTM D-92	235
Pour Point, °C	ASTM D-97	-57
Demulsibility @ 54°C, min	ASTM D-1401	10
Sulphated ash	DIN 51575	0.04
%CRC of 20% dest	DIN 51536	0.009

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



## PRODUCT DATA SHEET

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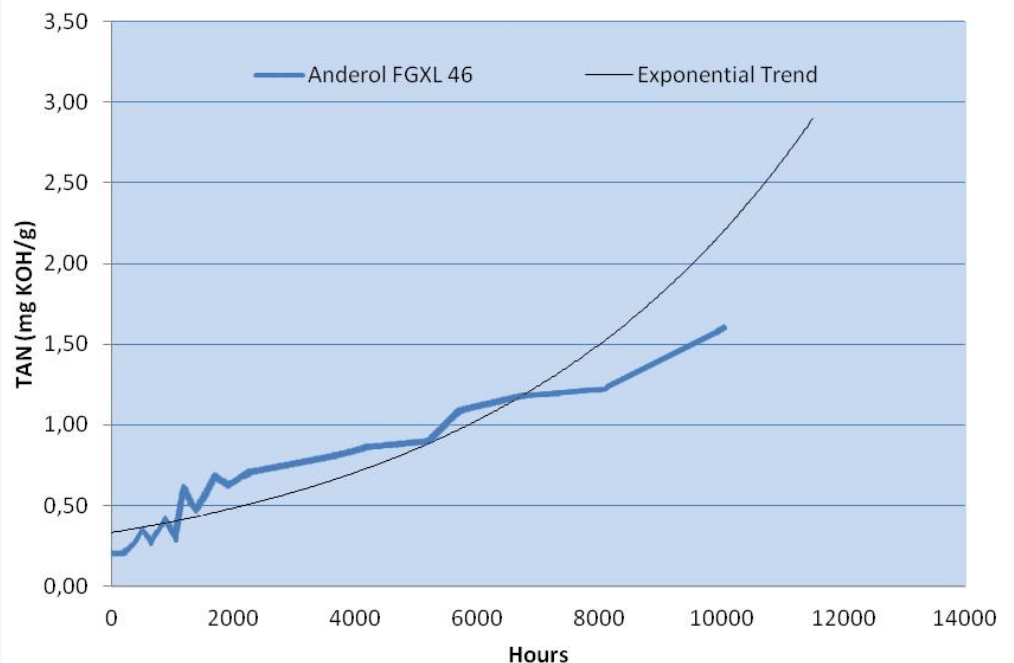


## H1 High Performance Food Grade Compressor Lubricant

The **TOST** is the standard test method for Oxidation Characteristics of Oils (ASTM D943). It is summarized by ASTM as such:

The oil sample is contacted with oxygen in the presence of water and an Iron-copper catalyst at 95°C. The test continues until the measured Acid Number of the oil 2.0 mg KOH/g or above. The number of test hours required to reach the 2.0 mg KOH/g is the "oxidation lifetime".

### TOST Anderol FGXL 46



### REGISTRATIONS

