

ANDEROL PRODUCT DATA SHEET

ANDEROL[®] FG XL-Series

SYNTHETIC FOOD GRADE COMPRESSOR LUBRICANT

GENERAL INFORMATION

ANDEROL FG XL series is a next generation synthetic hydrocarbon (PAO) based food grade compressor lubricant that provides up to five times longer as compared to other H-1 certified lubricants. The FG XL series have received NSF/USDA H-1 approval and can be used where incidental food contact can occur. It has been certified as Kosher by the Orthodox Union and Halal by INFANCA.

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

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL FG XL 15	ANDEROL FG XL 32	ANDEROL FG XL 46	ANDEROL FG XL 68	ANDEROL FG XL 100	ANDEROL FG XL 150
Appearance @ 20°C	Visual	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Viscosity @ 40°C, cSt	ASTM D-445	16.6	28.7	42.5	62	89.6	158
Total Acid Number, mgKOH/g	ASTM D-664	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Specific Gravity @ 15.6°C	ASTM D-4052	0.82	0.83	0.84	0.84	0.85	0.85
Pour Point, °C	ASTM D-97	-60	-54	-54	-50	-50	-35
Flash Point, °C	ASTM D-92	240	240	274	240	265	255
Foam Seq 1, tendency ml	ASTM D-892	Nil	Nil	Nil	Nil	Nil	Nil
Demulsibility @ 54 °C ml oil/water/emulsion (min)	ASTM D-1401	40/40/0(<30)	40/40/0 (<30)	40/40/0(<30)	40/40/0(<30)	40/38/2(<30)	40/38/2(<30)
Four-Ball Wear, 1200 rpm, 75°C, 40 kg, 1 hr; mm	ASTM D-4172	0.40	0.40	0.40	0.40	0.40	0.35

ANDEROL FG XL SERIES

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

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APPLICATIONS

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

Nominal Operating Range is -20°C to 175°C.

ADVANTAGES

- Fewer oil changes
- Compatible with compressor seals, gaskets, hoses, and air system components
- Reduced varnish lacquering and deposits
- Greatly reduced fire and explosion hazard
- Reduced compressor maintenance
- Lower oil consumption
- Excellent anti-wear properties
- Formulated from synthetic hydrocarbon oil
- Rust and oxidation inhibited
- Long life without gumming or discolouring

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.

ANDFGXL: 21606DL/was030607

