

# COMPRESSOR FGXL

SYNTHETIC FOOD MACHINERY COMPRESSOR  
AND VACUUM PUMP OILS

210510-210512-210520-210522-210524-210525-210531-210540/09.15

Rev. 0

## DESCRIPTION & APPLICATIONS

COMPRESSOR FGXL for the food industry consists of high quality NON-toxic synthetic lubricants. The product is based on synthetic hydrocarbons (PAO), exclusively formulated with ingredients that are FDA-listed and approved by the USDA.

Despite the strict regulations issued by the US departments regarding products used in the food sector, COMPRESSOR FGXL is an excellent compressor lubricant. The products are built to last, without gum formation or discoloration, even if the working conditions are extremely difficult.

The lubricants of the Compressor FGXL series are highly recommended for both rotary and reciprocating compressors and vacuum pumps in applications where incidental contact may occur between the food and the oil in the exhaust air. The liquids are available in several ISO viscosity grades ranging from 32 till 100. The nominal operating temperature can vary between -30 ° C and 175 ° C.

These lubricants are also suitable for refrigeration compressors, which make use of the refrigerant R22, and R402.

## ADVANTAGES

- NON Toxic
- Compressor needs less maintenance.
- Lower oil consumption.
- Fewer oil changes intervals.
- Less varnish and varnish deposits.
- Extremely resistant to wear.

## PERFORMANCES

Satisfies to the following specifications:

NSF H1

USDA H1

# COMPRESSOR FGXL

## ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA			
			32	46	68	100
ISO VG	-	-	32	46	68	100
Appearance at 20°C	-		light yellow	light yellow	light yellow	light yellow
Density at 15 °C	kg/l	ASTM D1298	0,832	0,839	0,842	0,848
Kinematic viscosity at 40°C	mm <sup>2</sup> /s.	ASTM D445	34,5	45,7	68,3	98,5
Kinematic viscosity at 100°C	mm <sup>2</sup> /s.	ASTM D445	6,3	7,8	10,4	13,1
Viscosity index	-	ASTM D2270	135	140	140	131
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,09	0,09	0,1	0,1
Flash point (COC)	°C	ASTM D 92	235	235	238	238
Pour point	°C	ASTM D97	- 57	- 57	- 57	- 54
Demulsibility at 54°C ml oil/water/emulsion	min	ASTM D1401	10	10	10	10
NSF certificate number	-	-	139456	139457	139415	139416
Product number	208 L	-	210510	210520	210531	210540
Product number	20 L	-	210512	210522	210524	210525

*The average values are given for information only.*