

PRODUCT DATA SHEET

FOODGUARD Compressor Oils

High Performance, PAO Full Synthetic Food grade Oil

FOODGUARD Compressor Oils are food grade, non-toxic synthetic oils developed for all types of compressors used in the food, drink and pharmaceutical industries. They are highly hydrolytically stable, sophisticated, ashless, multifunctional compressor oils that provide exceptional anti-wear protection. The premium high purity additives included promote excellent cleanliness, optimal fluid life, demulsibility and filtering ability even when badly water contaminated.

PRODUCT BENEFITS

- NSF: H1 registered (Lubricant with incidental food contact- for use in and around food processing areas)
- Low friction coefficient for excellent lubrication and wear reduction
- Fully synthetic to provide very wide temperature stability and extended service intervals
- Additives reduce foaming for less residue and scum build up, so reducing maintenance costs
- High degree of demulsification for greater lubrication efficiency
- Excellent air release properties minimize compressibility and prevent noisy and erratic operation of equipment
- An optimal change life is achieved due to the exceptional chemical and thermal stability.

TYPICAL APPLICATIONS

- For all types of Rotary Sliding Vane compressors, oil flooded or oil injected, single or two-stage compressors operating at pressures of up to 10 bar and with air discharge temperatures of up to 130°C.
- In applications requiring conformance to DIN 51 506 (VDL) specification.

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PROPERTIES OF MATERIAL

Technical Data

ISO		46	68	100
Viscosity @ 40°C (ISO 3104)	-	46	68	100
Viscosity @ 100°C (ISO 3104)	-	7.9	10.2	14.2
Viscosity Index (ISO 2909)	-	143	140	144
Appearance	-	Clear Fluid		
Base Fluid	-	Poly alpha olefin		
Temperature range: (depending on the grade)	-	-54°C to +240°C		
Flash Point °C (ISO 2592)	-	248	258	268

GENERAL INFORMATION

FOODGUARD Compressor Oils should be SHAKEN THOROUGHLY BEFORE USE. For best results apply to a clean surface. **FOODGUARD Compressor Oils** should be applied to clean surfaces for best results. Does not contain mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients. Storage temperature should be controlled to between room temperature to 40°C.

Suitable for all compressors subject to the correct ISO grade to be used according to the equipment manufacturer's specification. Follow manufacturer's instructions. It is important to purge the system of the previous oil prior to recharging with **FOODGUARD Compressor Oils**.

HEALTH AND SAFETY INFORMATION

All ingredients are FDA listed ingredients under 21 CFR 178.3570. **FOODGUARD Compressor Oils** are NSF H1 registered and meet the USDA 1998 H1 Guidelines. These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non hazardous. A Material Safety Data Sheet is available from the Guardian Food Grade Oils Technical Department upon request or available on our website.

Product Code: 46 – 6328, 68 – 6329, 100 – 6330

Pack Size: 5L, 20L, 205L

The content of this data sheet is given in good faith but without warranty (August 2017).