

# GHH RAND



## *Silol and Silol FG*

High-performance lubricant  
for Silu® screw compressors

# Silol



## The high-performance lubricant for Silu® screw compressors

Silol is a fully-synthetic highly durable poly-alphaolefines compressor oil. It was developed specifically for our Silu screw compressors. One benefit of this lubricant is its wide operating range. From its very good cold-start behaviour through to its high temperature stability Silol maintains its excellent performance throughout a wide range of ambient temperatures.

Because of its specific development for Silu compressors and the achieved optimum lubrication we extend the warranty of Silu compressors and packages which are used with Silol.

Silol outperforms mineral oils and has many advantages compared to synthetic lubricants with different chemical composition:

- very good compatibility with material used in Silu compressors
- an excellent wear protection
- high protection from corrosion
- wide operating temperature range
- very good high temperature stability
- excellent cold start behaviour
- high thermal, oxidative and chemical stability
- high reduction of residues
- higher critical temperature limit

**Silol and Silol FG can also be used under high fluctuations of ambient temperatures. They maintain the value of your Silu equipment resulting in low operational costs.**

# Silol FG (food grade)



\* H1 is a synonym that originally was defined by the USDA and perpetuated by the NSF (National Science Foundation) and other industrial organisations. H1 means "Accredited for process-related, occasional contact with food".

\*\* Silol FG meets the terms of the FDA 21 CFR 178.3570 and received the NSF H1\*-classification. Specifications are defined for lubricants, that are used for production, fabrication, packaging, processing as well as for transport and for storage of food.

## The new H1\* certificated lubricant for food applications

The new fully-synthetic compressor-oil Silol FG (food grade) was developed especially for the discharge of dry bulk materials within the food industry. In addition to compliance with silo-transport regulations according to HACCP (Hazard Analyses of Critical Control Points) it also conforms to the FDA (Food and Drug Administration) and the NSF (National Science Foundation). \*\*

## Superior technical characteristics

Silol FG, exactly like Silol, outmatches conventional compressor oil primarily because it was developed, optimized and tested specifically for our Silu compressors.

## Your advantages

Additional to the advantages of the Silol lubricant, Silol FG also has the following benefits for use within the food industry:

- only food-grade lubricant specifically developed for Silu compressors
- compliance with the strict H1\* regulations as sole Silu compressor lubricant
- generally applicable for all food applications
- Silu compressor warranty extension

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Ingersoll Rand Industrial Technologies provides products, services and solutions to enhance the efficiency and productivity of our commercial, industrial and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems and microturbines.

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