GPL PAO FG

Food Grade PAO Gas Compressor Lubricant (206 Series)

Description

GPL-PAO-FG is a food grade poly-alpha-olefin based gas compression lubricant that has been formulated for use in applications where incidental food contact is possible.

Ideal for CO2 compression applications GPL PAO FG has an extremely high viscosity index and a very low pour point allowing for operations over a wide temperature range.

GPL PAO FG also contains a robust additives that protect against rust, corrosion on oxidation. This provide essential component protection and ensures a long oil life even in harsh operating conditions.

Applications

- Reciprocating compressors
- Rotary screw compressors
- Centrifugal Compressors

Gasses

- (Natural) gas streams
- Heavy and light hydrocarbon gasses
- CO2 (R-744)

Benefits

- Food grade formulation
- Excellent thermal and oxidative stability
- Resists harsh chemical environments
- Offers excellent protection against corrosion
- Long fluid life
- Extremely low volatility
- Very low carryover rates
- Excellent low temperature fluidity

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Specifications

	Series GPL PAO FG					
ISO Viscosity Grade	32	46	68	100	150	220
Viscosity @ 40 °C (cSt)	32	46	68	100	144	220
Viscosity @ 100 °C (cSt)	6,0	7,7	10,4	14,0	18,8	25,8
Viscosity Index	135	136	140	142	148	155
Specific Gravity @ 15 °C	0,83	0,84	0,84	0,84	0,85	0,85
Pour Point (°C)	-63	-58	-54	-46	-44	-36
Flash Point (°C)	245	262	260	260	261	261
Copper Strip Corrosion (ASTM D130) (100 °C for 3 h)	1a	1a	1a	1a	1a	1a
Rust Test (ASTM D665) (Distilled Water)	Pass	Pass	Pass	Pass	Pass	Pass

Values included in this TDS are typical and do not constitute a specification. Manufacturing specifications are available upon request. Completion of the Lubricant Recommendation Form is highly recommended before lubricant selection. Advise Next Lubricants of any changes to the makeup of the gas stream, and operating conditions. It is recommended that routine oil analysis tests be performed to properly assess the condition of the oil. Verify that this TDS is the most UpToDate version, specifications are subject to change due to possible formulation and raw material changes.