WearGuard™

Performance Engineered Lubricants

SYN 8000i Series

Product Description

WearGuard™ SYN 8000i Series are fully synthetic lubricants formulated with superior polyalkylene glycol (PAG)-based oils. These premium lubricants are designed for use in compressors and vacuum pumps compressing polar gases, such as NH3, CO2, and propane. They are blended with D-A's advanced **ChemGuard™** additive technology and offer excellent oxidation resistance and are excellent in wet gas compression.

The **WearGuard™ SYN 8000i Series** yields a compressor service life of 8,000 – 10,000 hours under good operating conditions. This product is also recommended for Rotary Screw, Rotary Vane, Centrifugal, and Reciprocating Compressors including Vacuum Pump operations.

Product Features and Benefits

- Resists hydrocarbon washout/dilution
- Insoluble in water
- Extended drain life
- Reduced sludge and deposit formulation
- Excellent oxidative and thermal stability

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Typical Properties

ISO Viscosity Grade	Test Method	100	150	220
Viscosity @ 100°C, cSt @ 40°C, cSt	 ASTM D445 ASTM D445	 18.9 106	 25.7 154	 34.5 220
Viscosity Index	ASTM D2270	195	195	205
Pour Point, °F (°C)	ASTM D97	-40 (-40)	-36 (-38)	-36 (-38)
Flash Point, °F (°C)	ASTM D92	445 (230)	445 (230)	445 (230)
API Gravity	ASTM D4052	11.4	11.4	11.4
FZG Test, Pass Stage	ASTM D5182	11	12	N/A

D-A Part Number:

Bulk	N/A	N/A	N/A
Tote – 330 Gal	N/A	N/A	N/A
Drum – 55 Gal	IP53842	N/A	IP53862
Pail (Plastic) – 5 Gal	IP53848	IP53858	N/A