



LUBRICANTS



Product Data Sheet

Compressor SS Lubricant

Advanced Semi-Synthetic Compressor Lubricants

Formulated with ultra-refined Group III type base lubricants, which provide synthetic benefits at a lower cost. Designed to provide excellent protection in demanding compressor service with extended service life over conventional mineral oil-based compressor fluids.

Features and Benefits

- Wide operating temperature range and excellent low temperature flow
- High oxidation and thermal stability for long service drain intervals
- Resistance to deposit formation superior to conventional oils
- Compatible with conventional mineral based fluids and PAO and ester types
- Protects against rust/corrosion
- Very good water separation, foam resistance and air release properties
- Compressor gearbox wear protection and efficiency advantage over conventional fluids

Applications

ISO 32, 46 and 68 are recommended for use in flooded rotary screw and vane compressors; ISO 100 and 150 grades are recommended for reciprocating compressors. All grades are compatible with carbon dioxide, ammonia and hydrocarbon gases (where solubility of the hydrocarbon gas being processed into the lubricant is acceptable or desired).

Typical Properties

ISO Viscosity Grade	Test Method	32	46	68	100	150
Product Code		338401	338402	338403	338404	338405
Viscosity, cSt @ 40°C	ASTM D-445	35	48.5	66	99	150
Viscosity, cSt @ 100°C	ASTM D-445	6.7	8.3	10.2	11.2	19.2
Viscosity Index	ASTM D-2270	157	147	142	99	146
Pour Point, °F (°C)	ASTM D-97	-31(-35)	-24(-34)	-26(-32)	-26(-32)	23(-5)
Flash Point, COC, °F (°C)	ASTM D-92	464(240)	464(240)	464(240)	519(271)	482(250)
Copper Strip Corrosion	ASTM D-130	1A	1A	1B	1B	1B
Four Ball Wear, 1200 rpm 75°C, 40kg, 1 hr, mm	ASTM D-4172	0.5	0.5	0.5	0.8	0.8

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

Rev. 05/21



1-800-566-4853



Tulsa, OK 74133



www.nu-tierbrands.com

