



LUBRICANTS



Product Data Sheet

Compressor Synthetic DE Lubricant

Advanced Synthetic Compressor Lubricant for Reciprocating Air Compressors

Diester based full synthetic lubricant primarily for use in reciprocating air compressors. Designed to provide full lubricant protection in demanding compressor service with much longer service life than conventional mineral oil compressor fluids.

Features and Benefits

- Elimination of deposits
- Reduction in energy consumption
- Compressor gearbox wear protection
- Very good protection against rust and corrosion
- Outstanding lubricant service life for reduced compressor maintenance
- Very good water separation, foam resistance and air release properties
- *Care must be taken that seals, gaskets, hoses, plastics and paints are compatible with diester fluids*

Recommended – Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon, PBT

Not Recommended – Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS

Applications

- **DE 32 or 68** - Rotary screw and vane compressors.
- **DE 100 or 150** - Reciprocating compressors and some vacuum pumps.
- **All grades** - Compatible with air, nitrogen, carbon dioxide (dry), carbon monoxide, helium, hydrogen, sulfur hexafluoride, hydrocarbons (to include methane/natural gas, propane, butane, ethylene, butadiene), furnace crack gas and synthesis gas.

Typical Properties

ISO Viscosity Grade	Test Method	32	68	100	150
Product Code		338201	338202	338203	338204
Viscosity, cSt @ 40°C	ASTM D-445	28.8	65	98.8	159
Viscosity, cSt @ 100°C	ASTM D-445	5.5	7.4	10.4	13.0
Viscosity Index	ASTM D-2270	129	71	86	71
Flash Point, COC, °F (°C)	ASTM D-92	(245)	(250)	(240)	(256)
Pour Point, °F (°C)	ASTM D-97	(-57)	(-35)	(-35)	(-30)
Copper Strip Corrosion	ASTM D-130	1A	1A	1A	1A
Specific Gravity		0.915	0.955	0.960	0.950
Four Ball Wear, 40kg	ASTM D-4172	0.8	0.8	0.8	0.7

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

