



LUBRICANTS



# Product Data Sheet

## Compressor Synthetic NGL Lubricant

### *Advanced Synthetic Polyalkylene Glycol (PAG) Compressor Lubricant*

High-performance synthetic gas compressor lubricant based on specially formulated polyalkylene glycols (PAG) which have very low solubility with hydrocarbon gases. They are formulated with special inhibitors that help resist corrosion caused by hydrogen sulfide and CO<sub>2</sub> when processing sour gas.

### Features and Benefits

- Reduced gas solubility leading to improved wear protection
- High chemical stability
- High oxidative and thermal stability
- Excellent wear protection
- High natural viscosity index (shear-stable)
- Low pour point
- Good corrosion protection

### Applications

**Gulf Compressor NGL** can be used in gas compressors where the crankcase and bearings operate in a gas filled environment. This product can be used in reciprocating piston compressors, screw compressors and vane compressors that require outstanding rust and corrosion protection. The extremely high viscosity index of **Gulf Compressor NGL** fluid allows lubricant protection over a wide temperature range. The low pour point provides all season ease of handling, especially in very cold conditions.

For use in high pressure reciprocating compressors pumping several difficult gases including hydrogen, helium, ammonia and other natural gases with a high amount of methane and ethane.

**Note: Gulf Compressor NGL (PAG) Oil** is not compatible with petroleum compressor oils. Care should be taken to avoid mixing the two products. When switching over from mineral oil to **Gulf PAG Compressor Oil**, a complete flush, drain and refill should be performed.

**Note: Gulf Compressor NGL Oil** is compatible with Viton, High Nitrile Buna N, Nylon, Delrin, Teflon, neoprene, silicone rubber, as well as epoxy paints.



1-800-566-4853



Tulsa, OK 74133



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## Typical Properties

ISO Viscosity	Test Method	100	220
Product Code		338501	338505
Viscosity @ 40°C, cSt	ASTM D-445	105	209
Viscosity @ 100°C, cSt	ASTM D-445	21.0	38.5
Viscosity @ 100°F, SUS	ASTM D-2161	513	1052
Viscosity @ 210°F, SUS	ASTM D-2161	105	185
Viscosity Index	ASTM D-2270	222	236
Pour Point, °F (°C)	ASTM D-130	-55 (-48)	-44 (-42)
Flash Point, °F (°C)	ASTM D-97	450 (232)	515 (268)
Density, Lbs/Gal		8.68	8.76

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

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