

PGS COMPRESSOR FLUIDS



COMPRESSOR
LUBRICATION



TOTAL

Natural gas compressor oil made with polyglycol technology

APPLICATIONS

Synthetic natural gas
compressor oil or
hydrocarbon streams

Use for hydrocarbon gas of
moderate densities

- **PGS COMPRESSOR FLUIDS** are superior quality synthetic polyglycol-based products with exceptional high stability and durability for gearing, bearings and compressors where conditions demand the unique properties of these fluids. It is formulated with rust and corrosion inhibitors, oxidation control agents, anti-wear compounds, hydrogen sulfide inhibitors and foam inhibitors.
- **PGS COMPRESSOR FLUIDS** are insoluble (incompatible) in oil hence it resists thinning out by hydrocarbon dilution and maintains the proper operating viscosity. Operating range is below -20 F.
- It is recommended for process or natural gas compression applications where resistance to hydrocarbon dilution is needed. Typically used where gas gravity is above 1 but below 1.5. Often it may be the product of choice for gases with low hydrogen sulfide at moderate compression for vapor recovery units found near crude tanks, fuel storage tanks,

SPECIFICATIONS

ADVANTAGES

Performs under
severe conditions

Wide operating
temperature
range conditions

- Its resistance to hydrocarbon dilution extends drain intervals and parts life.
- Excellent thermal and oxidation stability under high temperature operation reduces sludge and deposit formation.
- Hydrogen sulfide inhibited
- Year around service

TYPICAL CHARACTERISTICS PGS COMPRESSOR FLUIDS

	68	100	150
ISO Viscosity grade	68	100	150
Specific Gravity @ 60/60°F (ASTM D 1298) Pounds/gallon	1.041	1.044	1.048
Viscosity @ 40°C, cSt (ASTM D 445)	68	100	150
Viscosity @ 100°C, cSt (ASTM D 445)	14.8	19.4	27.8
Viscosity index (ASTM D 2272)	230	218	227
Pour point, °F (°C) (ASTM D 97)	-38 (-39)	-34 (-37)	-30 (-34)
Flash point °F (°C) (ASTM D 92)	450 (232)	450 (232)	460 (238)
Water soluble	yes	Yes	yes

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TOTAL Lubricants USA with a policy of continuous improvement, reserves the right to change specifications as our technology progresses.
We are not responsible for the misuse and/or misapplication of our products. MSDS are found on our web sites.