

PRIMERA FLUIDS



COMPRESSOR
LUBRICATION



TOTAL

Premium CO2 and natural gas compressor oil made with polyglycol technology

APPLICATIONS

Premium natural gas
compressor oil or
hydrocarbon streams

Carbon dioxide
compressors (all
pressures)

- **PRIMERA FLUIDS** are superior quality synthetic polyglycol-based product with exceptional high stability and durability for gearing, bearings and compressors where conditions demand the unique properties of these fluids. They are formulated with polymer, rust and corrosion inhibitors, oxidation control agents, anti-wear compounds, hydrogen sulfide inhibitors and anti-foam agents.
- **PRIMERA FLUIDS** are insoluble (incompatible) in oil hence it resists thinning out by hydrocarbon dilution and maintains the proper operating viscosity. Operating range is down to -30 F
- It is recommended for carbon dioxide, process or natural gas compression applications where extra lubricity or extreme resistance to hydrocarbon dilution is needed. Recommended for CO2 injection wells. For high pressure CO2 compression (1000 psi+) use the ISO 220 grade. It may also be suitable for compression of inert gases (consult technical service). **PRIMERA FLUIDS** are soluble in water and should not be used to compress wet gases. Do not use it to compress corrosive gas.

SPECIFICATIONS

ISO 6743-3B classified DGE and/or DGC.

ADVANTAGES

Ideal for high pressure
CO2 gas compression
Wide operating
temperature
range conditions

- Ideal for CO2 compression since it reduces carry over of liquid CO2.
- 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
- Excellent lubricity allows it to be used in worm gear applications

TYPICAL CHARACTERISTICS PRIMERA FLUIDS

ISO Grade	100	150	220
Specific Gravity @ 60/60°F (lbs/gal.) (ASTM D 1298)	1.044 (8.70)	1.051 (8.75)	1.052 (8.76)
Viscosity @ 40°C, cSt (ASTM D 445)	100	148	209
Viscosity index (ASTM D 2272)	218	227	236
Pour point, °F (°C) (ASTM D 97)	-34 (-37)	-30 (-34)	-44 (-42)
Flash point °F (°C) (ASTM D 92)	450 (232)	460 (238)	515 (268)
Water soluble	Yes	Yes	Yes

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Primera Fluid Series
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