

CITGO COMPRESSORGARD® PAO  
H - S E R I E S



Date 1/09

**DESCRIPTION:** CITGO CompressorGard PAO H-Series fluids are formulated with the highest quality synthetic base stocks. It is formulated to address thermal degradation and deposit formation commonly observed in reciprocating compressors. The CITGO CompressorGard PAO H-Series products are designed for use in natural gas compression service.

**BENEFITS:** CITGO CompressorGard PAO H-Series products provide equipment protection against wear, thermal and oxidative deposits. The PAO H-Series products provide excellent rust and corrosion protection in the presence of hydrogen sulfide and offer excellent low temperature service.

**APPLICATIONS:** CITGO CompressorGard PAO H-Series products are designed for use in reciprocating compressors used in the compression of hydrogen and natural gas.

CITGO CompressorGard PAO H-Series products are non-catalyst poisoning and can be used in the compression of gas streams that come in contact with catalyst beds.

**TYPICAL PROPERTIES:**

**CITGO COMPRESSORGARD® PAO H-SERIES**

ISO Viscosity Grade	100	220
Material Code	632566001	632568001
Gravity, °API	37.15	35.55
Density lbs/gal	6.99	7.05
Viscosity, ASTM D 445		
cSt at 40°C	105	225
cSt at 100°C	14.45	25.6
SUS at 100°F	542	1168
SUS at 210°F	77.3	126
Viscosity Index	141	144
Flash Point, ASTM D 92, °F (°C)	518 (270)	558 (292)
Pour Point, ASTM D 97, °F (°C)	-54 (-48)	-54 (-48)
Rust Prevention, ASTM D 665 A	Pass	Pass
Foam, Sequence I	10/0	10/0
Sequence II	15/0	15/0
Sequence III	0/0	0/0
Water Separation, ASTM D 1401 (180°F)	40/40/0 (<1)	40/40/0 (10)