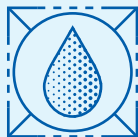




CITGO® CompressorGard® H-Series

OVERVIEW



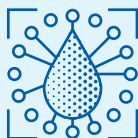
- Formulated with the highest-quality synthetic base stocks to address thermal degradation and deposit formation commonly observed in reciprocating compressors operating in natural gas compression service.

FEATURES & BENEFITS



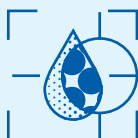
- Protection against wear and deposits.
- Excellent protection against rust and corrosion in the presence of hydrogen sulfide.
- Excellent low-temperature service.
- Will not poison catalysts.

APPLICATIONS



- Designed for use in reciprocating compressors in hydrogen and natural gas service.
- Can be used in the compression of gas streams that come in contact with catalyst beds.

PROPERTIES



Typical Properties for CITGO CompressorGard H-Series:

ISO Viscosity Grade	100	220
Material Code	632566001	632568001
Gravity, °API	37.15	35.55
Viscosity ASTM D445		
cSt at 40°C	105	225
cSt at 100°C	14.45	25.6
Viscosity Index	141	144
Flash Point, ASTM D92, °F (°C)	518 (270)	558 (292)
Pour Point, ASTM D97, °F (°C)	-54 (-48)	-54 (-48)
Rust Prevention, ASTM D665 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 D1401, at 180°F (82°C)	40/40/0 (5)	40/40/0 (10)

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