C I T G O C O M P R E S S O R G A R D ® I P G

Date 1/09

DESCRIPTION: A high-quality polyether polyol synthetic compressor lubricant engineered for the compression of propane, CITGO CompressorGard IPG 100 offers good water separation characteristics, excellent wear protection and oxidation resistance.

BENEFITS: CITGO CompressorGard IPG 100 is miscible with propane in the low temperature areas of the system like the expansion valve and evaporator for efficient cooling.

The naturally high viscosity index of CITGO CompressorGard IPG 100 when compared to mineral oils provides increased viscosity at high temperatures.

APPLICATIONS: CITGO CompressorGard IPG ISO 100 is recommended for use in rotary screw, vane and reciprocating compressors in propane refrigeration applications.

TYPICAL PROPERTIES:

	CITGO COMPRESSORGARD® IPG
ISO Viscosity Grade	**100**
Material Code	632546001
Gravity, ASTM D 4052, °API	10.6
Density, lb/gal	8.29
Specific Gravity	0.99
Flash Point, ASTM D 92, °F (°C)	525 (274)
Viscosity, ASTM D 445, cSt at 40°C	100
cSt at 100°C	17.5
ASTM D 2161, SUS at 100°F	507
SUS at 210°F	89.7
Viscosity Index, ASTM D 2270	192
Pour Point, ASTM D 97, °F (°C)	-49 (-45)
Water Separation, ASTM D 1401 82°C (180°F)	Pass
Foam Test , ASTM D 892, Sequence I	10/0
Sequence II	0/0
Sequence III	10/0
Four Ball Wear, ASTM D 4172, mm Scar	0.49
Copper Corrosion, ASTM D 130	1A