

CITGO NORTH STAR® REFRIGERATION OIL 68

Date 08/11



DESCRIPTION: CITGO North Star Refrigeration Oil 68 is a lubricant designed for use in refrigeration compressors.

QUALITIES: Special properties to provide good refrigeration compressor lubrication include:

- Very light color
- Very low acid number
- Low pour and floc points
- Excellent foam resistance
- Good seal conditioning
- Control stability and compatibility with refrigerants

APPLICATIONS: CITGO North Star Refrigeration Oil 68 is recommended for use in refrigeration compressors and other low-temperature applications, including air conditioning systems. It is recommended for extremely low temperature applications requiring low floc points.

TYPICAL PROPERTIES:

CITGO NORTH STAR® REFRIGERATION OIL 68

GRADE	68
Material Code	643108001
Gravity, ASTM D 4052, °API	28.8
Density, lb/gal at 60°F	7.36
Flash Point, ASTM D 92, °F (°C), COC	405 (207)
Viscosity, ASTM D 445, cSt at 40°C	65
cSt at 100°C	8.3
ASTM D 2161, SUS at 100°F	335
SUS at 210°F	54
Viscosity Index, ASTM D 2270	95
Pour Point, ASTM D 97, °F (°C)	-42 (-44)
Color, ASTM D 1500	L0.5
Neutralization No., ASTM D 974	0.01
Foam Inhibitor	Yes
Foam, ASTM D 892, Sequence I	10-0
Sequence II	10-0
Sequence III	10-0