



# CITGO® Barrier Fluid 32

## OVERVIEW



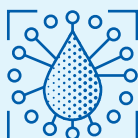
- Fully synthetic barrier fluid, formulated using polyalphaolefin (PAO) fluids, and additives to provide excellent performance in mechanical seals where superior lubrication and cooling properties are a must to promote seal longevity.

## FEATURES & BENEFITS



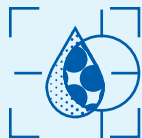
- Phosphorus-free and Silicon-free formulation helps extend the life of seals in high temperature, pressurized seal applications.
- Compatible with commonly used seal materials such as Buna N, nitrile, Fluroelastomers, and Polytetrafluroethylene.
- Optimized formulation to protect against rust and corrosion.
- Excellent heat transfer properties and low temperature fluidity.
- Formulated to help reduce catalyst poisoning and system impurities.

## APPLICATIONS



- Recommended for pressurized mechanical seal applications where a barrier fluid is required.
- Recommended as a barrier fluid in mechanical seals found in petrochemical, hydrocarbon processing, gas compression, and other industries where mechanical seals are used.
- Refer to equipment owner's manual for proper lubricant recommendation.

## PROPERTIES



## Typical Properties for CITGO Barrier Fluid 32:

ISO Grade	32
Material Code	632514001
Gravity, ASTM D4052, °API	39.2
Density, lb/gal at 60°F	6.9
Specific Gravity ASTM D1298	0.8289
Flash Point, ASTM D92, °F (°C)	471 (244)
Viscosity, ASTM D445	
cSt at 40°C	30.3
cSt at 100°C	5.7
Pour Point, ASTM D97, °F (°C)	-42
Copper Corrosion, ASTM D130	1A
Rust Test ASTM D665 A/B	Pass
Dielectric Strength, kV ASTM D877	35

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