

## SYNBAR® FLUIDS

Clarion SynBar Fluids are formulated using premium synthetic-base fluids and additive systems to perform in mechanical seals where superior lubrication and cooling properties are a must to promote seal longevity. An enhanced additive system was designed to promote the natural properties of the polyalphaolefin base stock and to meet the special requirements for mechanical seals.

### QUALITIES

- Are registered as NSF H-1 lubricants (formerly USDA H-1) for use in food processing plants under the jurisdiction of the USDA.
- Are formulated with additives and base stocks to meet incidental food contact applications and meets US FDA regulation 21 CFR 178.3570 requirements.
- Are formulated to minimize system impurities and reduce catalyst poisoning.
- Have excellent low temperature fluidity and high temperature stability to cover a wide service temperature range.
- Are compatible with commonly used seal materials.

### APPLICATIONS

- Designed for use in both pressurized and non-pressurized dual mechanical seals manufactured by companies such as John Crane, and FlowServe, etc., where a superior buffer/barrier fluid is required.
- Recommended for use in mechanical seals found in chemical/hydrocarbon processing, food processing, gas compression, and fluid pumps, etc., where a fluid with its unique properties are called for.
- Can be used in low temperature hydraulic systems as a replacement for Mil-5606 fluids in non-aviation applications.

### CERTIFICATIONS

NSF H-1 - Listed in "NSF Registered Proprietary Substances and Nonfood Compounds."  
These products are authorized for use under USDA Inspection and Grading Programs.

