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# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of November 18, 2008.

## SYNTHETIC BARRIER FLUIDS

### BARRIER FLUID E & 5

*Summit Barrier Fluids are formulated from the highest quality synthetic base stocks and fortified with additives to provide a non-reactive, oxidatively stable fluid for seal service over an extremely wide temperature range. These fluids have excellent low temperature fluidity and high temperature stability properties as well as the ability to efficiently transfer heat, and keep the seal face cool. Summit Barrier Fluids do not contain impurities which are known catalyst poisons and are compatible with most commonly used seal materials.*

*These lubricants are NSF Registered and meet USDA 1998 (H-1) guidelines (lubricants with incidental food contact) for use in food plants. **Barrier Fluid E & 5** are Kosher/Halal certified and pending CFIA approval. Summit is an ISO 21469 certified facility. Do not add directly to food.*

### Physical Properties

PRODUCTS	E	5
ISO Grade	32	5
Viscosity		
@ 40°C, cSt	31.0	5.1
@ 100°C, cSt	5.9	1.7
Pour Point, °F (°C)	-65 (-54)	-75 (-60)
Flash Point, °F (°C)	455 (235)	305 (152)
Specific Gravity	0.825	0.798
Copper Strip Corrosion	1A	1A
Emulsion Tendency	40/40/0 (10)	40/40/0 (10)
NSF Registered	H1	H1
ISO 21469	Yes	Yes
Kosher	Yes	Yes
Halal	Yes	Yes
CFIA	Pending	Pending

**Shelf Life:** Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.