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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 June 16, 2005.

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 comply with the requirements of 21 CFR 178.3570 FDA regulations and meet USDA 1998 (H-1) guidelines (lubricants with incidental food contact) for use in food plants. 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)	300 (149)
Specific Gravity	0.825	0.797
Copper Strip Corrosion	1A	1A
Emulsion Tendency	40/40/0 (10)	40/40/0 (10)
USDA Approval	H-1	H-1
Kosher Approval	Yes	Yes