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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 April 20, 2010.

SYNTHETIC BARRIER FLUIDS

BARRIER FLUID SERIES

Summit Barrier Fluid Series lubricants 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's Barrier Fluid Series do not contain impurities which are known catalyst poisons and are compatible with most commonly used seal materials. Barrier Fluid 5 is environmentally safe and readily biodegradable according to OECD 301B.

Barrier Fluid 5 is NSF Registered and meets USDA 1998 (H1) guidelines (lubricants with incidental food contact) for use in food plants. Do not add directly to food. Barrier Fluid 5 is Kosher/Halal certified and pending CFIA approval. The other lubricants in the series are pending all certifications. Summit is an ISO 21469 certified facility.

Physical Properties

BARRIER FLUIDS	5	17	30	46	68
Viscosity					
@ 40°C, cSt	5.1	16.9	30.5	46.0	66.0
@ 100°C, cSt	1.7	3.9	5.9	7.8	10.0
Pour Point, °F (°C)	-75(-60)	-100(-73)	-90(-68)	-70(-57)	-54(-48)
Flash Point, °F (°C)	305(152)	425(219)	460(238)	495(257)	510(266)
Specific Gravity	0.798	0.820	0.827	0.833	0.835
Copper Strip Corrosion	1A	1A	1A	1A	1A
Emulsion Tendency	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)
NSF Registered	H1	Pending	Pending	Pending	Pending
ISO 21469	Yes	Pending	Pending	Pending	Pending
Kosher	Yes	Pending	Pending	Pending	Pending
Halal	Yes	Pending	Pending	Pending	Pending
CFIA	Pending	Pending	Pending	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.