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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.

SYNTHETIC BLOWER LUBRICANTS

SBL FOOD GRADE SERIES

Summit SBL Food Grade Series synthetic lubricants are formulated to provide maximum lubrication protection and service for all positive displacement blowers including Roots, Gardner-Denver, Sutorbilt and Duroflow. Advantages over petroleum lubricants include extended lubricant life (up to 4,000 hours with oil analysis), reduced operating temperatures, better corrosion protection, enhanced low and high temperature lubricating properties, longer blower life with reduced wear, and lower maintenance costs. The SBL synthetic lubricants exceed the specification requirements for all of the major manufacturers of positive displacement blowers and are compatible with most commonly used seal materials.

These fully synthetic lubricants are NSF Registered and meet USDA 1998 (H1) guidelines (lubricants with incidental food contact). Summit is an ISO 21469 certified facility.

Physical Properties

SBL Food Grade	SBL-100F	SBL-150F	SBL-220F	SBL-320F
ISO Grade	100	150	220	320
Viscosity				
@ 40°C, cSt	99.3	150	213	320
@ 100°C, cSt	13.9	19.1	26.4	33
@ 100°F, SUS	510	773	1098	1658
@ 210°F, SUS	74.9	96.9	130	161
Viscosity Index	141	145	158	144
Specific Gravity	0.841	0.845	0.848	0.851
Flash Point, °F (°C)	515 (268)	515 (268)	520 (271)	520 (271)
Pour Point, °F (°C)	-60 (-51)	-49 (-45)	-40 (-40)	-30 (-34)
Copper Corrosion	1A	1A	1A	1A
NSF Registered	H1	H1	H1	H1
ISO 21469	Yes	Yes	Yes	Yes
Kosher Approved	Yes	Yes	Yes	Yes
Hala Certified	Yes	Yes	Yes	Yes
CFIA Accepted	Yes	Yes	Yes	Yes

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