

Product Data Sheet



Premium Lubricant Products, Optimal Lubricant Performance, Professional Staff & Service

HB-1591 FOOD GRADE SYNTHETIC SPIRAL FREEZER LUBE

DESCRIPTION:

HB-1591 FOOD GRADE SYNTHETIC SPIRAL FREEZER LUBE is formulated specifically for spiral freezers and similar applications operating at extremely low temperatures, including cryogenic-freezing applications. It is carefully blended with synthetic base fluids and advanced additives to provide excellent protection against wear and outstanding cold-temperature fluidity — a rare combination in a food-grade formulation. It meets H1 requirements for lubricants with incidental food contact. It also offers excellent demulsibility (water separation) as well as rust, corrosion, deposit and water-washout resistance to protect components. In addition it resists fling-off and is designed to remain on the chain for maximum lubrication and protection.

APPLICATIONS:

- Meets H1 requirements for incidental food contact
- Enhanced lubrication and superior protection at low temperatures
- Excellent film strength and anti-wear properties
- High stability and demulsibility in wet environments
- Maintains fluidity at cold-temperatures
- Resistant against rust, corrosion and other deposits
- Resists fling-off and remains on the chain for maximum lubrication and protection
- Non-toxic/non-hazardous

H & B Industries, Inc.

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Typical Properties

Grades	Test Method	15
Viscosity Index	117	143
Viscosity cSt @ -20°C	272	643
Viscosity cSt @ 0°C	81.1	143
Viscosity cSt @ 40°C	15.4	21.4
Viscosity cSt @ 100°C	3.6	4.7
Flash Point °F (°C)	300 (148)	320 (160)
Pour Point °F (°C)	-65 (-54)	-63 (-53)
Rust Test	Pass	Pass
Copper Corrosion, 24 Hr	1a	1a
Demulsibility, 130°F,	40/40/0	40/40/0
Foam Sequence I,II,III	0/0/0	0/0/0

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification.
Variations that do not affect the performance of the product during the normal manufacturing process.

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