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# RELALUBE CL-100

## Synthetic Spiral Freezer Chain Lubricant

RELALUBE CL-100 is formulated specifically for spiral freezers 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. 6831 meets H1 requirements for lubricants with incidental food contact (FDA 21 CFR 178.3570).

RELALUBE CL-100 also offers excellent demulsibility (water separation) as well as rust, corrosion, deposit and water-washout resistance to protect components. In addition, RELALUBE CL-100 resists fling-off and is designed to remain on the chain for maximum lubrication and protection.

### ATTRIBUTES

- Meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570)
- Enhanced lubrication and superior protection at low temperatures
- Excellent film strength and anti-wear properties
- Maintains fluidity at cold-temperatures
- Resists fling-off and remains on the chain for maximum lubrication and protection
- High stability and demulsibility in wet environments
- Resistant against rust, corrosion and other deposits

### TYPICAL LUBRICANT PROPERTIES

RELALUBE CL-100 Grades	Test Method	15	22	32
Viscosity cSt @ -20°C	ASTM D7042	272	643	2269
Viscosity cSt @ 0°C	ASTM D7042	81.1	143	337
Viscosity cSt @ 40°C	ASTM D7042	15.4	21.4	32.5
Viscosity cSt @ 100°C	ASTM D7042	3.6	4.7	5.5
Flash Point °F (°C)	ASTM D92	300 (148)	320 (160)	350 (177)
Pour Point °F (°C)	ASTM D93	-65 (-54)	-63 (-53)	-62 (-52)
Rust Test	ASTM D665	Pass	Pass	Pass
Copper Corrosion, 24 Hr	ASTM D130	1a	1a	1a
Demulsibility, 130°F,	ASTM D1401	40/40/0	40/40/0	40/40/0
Foam Sequence I,II,III	ASTM D892	0/0/0	0/0/0	0/0/0