

SP-4700

All Purpose Food Manufacturing Lubricant

SP-4700 is designed for use in a wide range of gear applications and meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570). It is formulated to provide a long life with excellent oxidation stability, film strength, lubricity and wear protection.

SP-4700 is for use in applications requiring a high performance gear lubricant that will protect gears from rust and corrosion while providing outstanding water separability.

ATTRIBUTES

- Excellent wear protection
- Oxidatively stable to reduce carbon buildup
- Non-toxic, non-hazardous
- Meets H1 requirements for incidental food contact (FDA 21 CFR 178.3570)

TYPICAL LUBRICANT PROPERTIES

SP-4700 Grades	Test Method	150	220	320	460
Viscosity cSt @ 40°C	ASTM D7042	149	215	317	462
Viscosity cSt @ 100°C	ASTM D7042	15.4	20.0	26.9	35.5
Viscosity Index	ASTM D2270	105	107	112	116
Flash Point °F (°C)	ASTM D92	516(269)	520(271)	523 (273)	525 (274)
Pour Point °F (°C)	ASTM D5949	-18(-28)	-16(-27)	-11 (-24)	-5 (-21)
Rust Test	ASTM D665	Pass	Pass	Pass	Pass
Copper Corrosion, 24 Hr.	ASTM D130	1a	1a	1a	1a
Demulsibility, 54.4°C, 30 Min	ASTM D1401	40/40/0	40/40/0	40/40/0	40/40/0
Four Ball Wear Diameter, mm	ASTM D4172	>=0.43	0.43	<=0.43	<=0.43
FZG	ASTM D5182	11	11	11	11