FPC CHAIN PV220

SYNTHETIC FOOD GRADE CHAIN LUBRICANT

APPLICATIONS:

FPC CHAIN PV220 is a synthetic, premium chain lubricant designed for extreme high-temperature applications, especially when H-1 lubricants are required for incidental contact. Formulated from pure-synthetic, food grade polyolester base stocks, FPC CHAIN PV220 provides excellent thermo-oxidative stability, excellent anti-wear protection, and a reduction of deposits and coking over hydrocarbon or PAO-based lubricants. The proprietary formulation of FPC CHAIN PV220 also provides low volatility, low smoking, and operability over a wide temperature range.

TYPICAL INDUSTRIAL APPLICATIONS:

- High-Temperature Oven Chains for Food Processing

PERFORMANCE BENEFITS:

- Excellent oxidative and thermal stability
- Reduced sludge and deposit formation
- Reduced energy costs from ester formulation
- Good water and rust resistance
- High flash point
- Complies with FDA 21 CFR 178.3570 H-1 for incidental contact

TYPICAL PROPERTIES	TEST METHOD	FPC CHAIN PV220
Viscosity @ 40°C,cSt	ASTM D445	224
Viscosity @ 100°C,cSt	ASTM D445	19.8
Viscosity Index	ASTM D2270	101
Flash Point, °C	ASTM D92	>300
Pour Point, °C	ASTM D97	-23
Specific Gravity	ASTM D4052	0.99 – 1.0
Four Ball Wear, mm	ASTM D4172	0.28
Evap. Loss (22 hrs @ 225°F)	ASTM D972	0.000
Four Ball Wear 40 kg, 500 rpm, 1 hr. @ 200°C	ASTM D4172	0.42 mm
Four Ball Wear 40 kg, 1200 rpm, 1 hr. @ 200°C	ASTM D4172	0.49 mm
Evaporation Loss, 6.5 hrs. @204°C	ASTM D2595	1.32%
Evaporation Loss, 24 hrs. @204°C	ASTM D2595	2.04%

Containers should be mixed before opening or using