FPC FOOD HV SERIES

FOOD GRADE SYNTHETIC GEAR LUBRICANTS

APPLICATIONS:

The FPC FOOD HV Series are synthetic food grade gear oils that are formulated from premium polyalphaolefins (PAO) base fluids. These NSF approved food grade gear oils are engineered to provide superior lubrication protection and include an extra additive to improve gasket and seal characteristics.

TYPICAL INDUSTRIAL APPLICATIONS:

- Bearings
- Gear Sets
- Worm Gears
- Chains
- Circulating Oil
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

PERFORMANCE BENEFITS:

- Very low pour point
- Wide operating temperature range
- Extended drain intervals / reduced oil disposal
- Excellent compatibility with elastomers, seals, plastics, and paints
- Complies with FDA 21 CFR 178.3570 H-1
- Deemed acceptable for use in Canada

TYPICAL PROPERTIES	TEST METHOD	FPC FOOD HV100	FPC FOOD HV150	FPC FOOD HV220	FPC FOOD HV320	FPC FOOD HV460	FPC FOOD HV680
ISO Grade	ASTM D2422	100	150	220	320	460	680
SAE Grade	SAE J-300	30	40	50	60	-	-
AGMA		3	4	5	6	7	8
Viscosity @ 40°C,cSt	ASTM D445	93.6	147.0	225.1	319.0	461.0	683.0
Viscosity @ 100°C,cSt	ASTM D445	12.9	17.6	23.4	30.5	39.1	52
Viscosity Index	ASTM D2270	136	132	128	132	130	130
Flash Point, °C/°F	ASTM D92	232/450	238/460	262/504	270/518	270/518	270/518
Pour Point, °C/°F	ASTM D97	-42/-44	-37/-35	-42/-44	-38/-36	-24/-31	-23/-30
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b	1b
Foaming Sequence I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil	Nil
Specific Gravity	ASTM D4052	0.84	0.85	0.85	0.85	0.85	0.85