



FPC LUBRICANTS

FPC HYDR HV SERIES

SYNTHETIC FOOD GRADE HYDRAULIC FLUIDS

APPLICATIONS:

FPC Hydr HV series are fully synthetic fluids blended from premium polyalphaolefin (PAO) base oils with superior additives that meet the requirements for demanding industrial hydraulic systems within the food industry. These NSF approved premium food grade hydraulic fluids are designed as multi-purpose to include a wide variety of industrial applications as well as hydraulic systems.

TYPICAL INDUSTRIAL APPLICATIONS:

- Hydraulic Systems
- Compressors
- Vacuum pumps
- Canning
- Gears
- Bearings
- Valves
- Circulating Oil
- Chains
- Air Line Lubricant
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

PERFORMANCE BENEFITS:

- Reduced varnish and deposit build-up
- Low evaporation rate
- Wide temperature range
- Substantial reduction in make-up oil.
- Anti-wear protection
- 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 HYDR HV032 | FPC HYDR HV046 | FPC HYDR HV068 | FPC HYDR HV100 |
|-----------------------------|-------------|----------------|----------------|----------------|----------------|
| ISO Grade | ASTM D2422 | 32 | 46 | 68 | 100 |
| Viscosity @ 40°C,cSt | ASTM D445 | 31.4 | 46.0 | 68.8 | 93.6 |
| Viscosity @ 100°C,cSt | ASTM D445 | 5.9 | 7.9 | 10.5 | 12.9 |
| Viscosity Index | ASTM D2270 | 138 | 127 | 141 | 136 |
| Flash Point, °C/°F | ASTM D92 | 246/465 | 260/500 | 260/500 | 260/500 |
| Pour Point, °C/°F | ASTM D97 | -66/-86 | -41/-42 | -41/42 | -40/-40 |
| Copper Corrosion | ASTM D130 | 1b | 1b | 1b | 1b |
| Foaming Sequence I, II, III | ASTM D892 | Nil | Nil | Nil | Nil |
| Specific Gravity | ASTM D4052 | 0.82 | 0.83 | 0.84 | 0.84 |