



FPC LUBRICANTS

FPC VAC HV SERIES

SYNTHETIC FOOD GRADE VACUUM PUMP LUBRICANTS

APPLICATIONS:

The FPC VAC HV Series are synthetic food grade oils. They are formulated with a polyalphaolefin (PAO) custom blend for improved lubrication at high and low temperatures. These oils provide reduced volatility and are compatible with mineral oils.

TYPICAL INDUSTRIAL APPLICATIONS:

- Vacuum Pumps

PERFORMANCE BENEFITS:

- Improved lubrication at high & low temperatures
- Reduced volatility
- Compatible with mineral oils
- Complies with FDA 21 CFR 178.3570 H-1

| TYPICAL PROPERTIES | TEST METHOD | FPC VAC HV068 | FPC VAC HV100 |
|-----------------------------|-------------|--------------------|--------------------|
| ISO Grade | --- | 68 | 100 |
| Viscosity @ 40°C,cSt | ASTM D445 | 59.7 | 95.2 |
| Viscosity @ 100°C,cSt | ASTM D445 | 7.6 | 12.8 |
| Viscosity Index | ASTM D2270 | 150 | 133 |
| Flash Point, °C/°F | ASTM D92 | 261/501 | 275/526 |
| Pour Point, °C/°F | ASTM D97 | -50/-58 | -45/-49 |
| Vapor Pressure @ 25°C, Torr | | 1×10^{-5} | 1×10^{-5} |
| Specific Gravity | ASTM D1298 | 0.87 | 0.87 |