



VACUUM PUMP OIL

TREAT YOUR PUMPS TO THE BEST OILS IN THE INDUSTRY.



Optimize the performance of your vacuum pump with our wide selection of custom vacuum pump oils. With a low vapor pressure and minimal additives, our oils reduce the sludging that occurs with lower quality oils. Molecular distillation of premium base stocks produce fluids that are world-renown for their quality, performance and reliability.



TO ORDER:
1.800.465.1004
801.486.1004
Fax: 801.486.1007

| 19 GRADE | SPECIFICATIONS | APPLICATIONS | SIZE | PART # | PRICE |
|---|---|--|-----------|------------|-----------|
| Designed for direct drive rotary vane pumps, LVO19 improves pumping cycles, lowers maintenance costs, cools pumps, and extends fluid life. Low vapor pressure reduces system backstreaming and thermal stability provides resistance to oxidation and sludge formation. | • Vapor Pressure <math>< 1 \times 10^{-5}</math> Torr | • Direct drive rotary vane pumps | 1 Quart | LVO191QT | \$6.00 |
| | • Viscosity @ 100 °F 47.7 cSt / 220.8 SUS | • Optical and decorative coatings | 1 Gallon | LVO191G | \$18.00 |
| | • Viscosity @ 200 °F 6.4 cSt / 47.2 SUS | • Leak detection | 5 Gallon | LVO1915G | \$80.00 |
| | • Flash Point (COC) 232°C / 450°F | • Freeze drying | 55 Gallon | LVO1955G | \$670.00 |
| | • Pour Point -15.3°C / +4.5°F | • Mass spectrometry | | | |
| | • Specific Gravity 0.869 | • Sputtering | | | |
| | | • General laboratory applications. | | | |
| 195 GRADE | SPECIFICATIONS | APPLICATIONS | SIZE | PART # | PRICE |
| Higher viscosity gives superior performance in belt drive rotary vane and piston pumps. The highly versatile LVO195 offers excellent vapor pressure, thermal stability, and superior resistance to oxidation and sludge formation in both rotary vane and piston pumps. | • Vapor Pressure <math>< 1 \times 10^{-5}</math> Torr | • Mech. vac. pumps under 300 cfm. | 1 Quart | LVO195X1QT | \$7.00 |
| | • Viscosity @ 100 °F 83 cSt / 386 SUS | • Belt drive rotary vane pumps | 1 Gallon | LVO195X1G | \$20.00 |
| | • Viscosity @ 200 °F 9.2 cSt / 56 SUS | • Optical and decorative coatings | 5 Gallon | LVO195X5G | \$85.00 |
| | • Flash Point (COC) 235°C / 455°F | • Leak detection | 55 Gallon | LVO195X55G | \$685.00 |
| | • Pour Point -14°C / +7°F | • Freeze drying | | | |
| | • Specific Gravity 0.89 | • Sputtering, heat treating | | | |
| | | • Vacuum furnaces | | | |
| | | • E-beam welding and melting | | | |
| 20 GRADE | SPECIFICATIONS | APPLICATIONS | SIZE | PART # | PRICE |
| Designed for rotary vane pumps and high vacuum blowers, LVO20 offers excellent vapor pressure, low volatility, extended fluid life, reduced backstreaming, and high corrosion resistance. LVO20 eliminates cross contamination when used in mechanical and diffusion pumps. | • Vapor Pressure <math>< 1 \times 10^{-6}</math> Torr | • Diffusion pumps | 1 Quart | LVO201QT | \$12.00 |
| | • Viscosity @ 100 °F 53.9 cSt / 249 SUS | • Direct drive rotary vane pumps | 1 Gallon | LVO201G | \$39.00 |
| | • Viscosity @ 200 °F 7.0 cSt / 49 SUS | • Optical and decorative coatings | 5 Gallon | LVO205G | \$160.00 |
| | • Flash Point (COC) 232°C / 450°F | • Leak detection | 55 Gallon | LVO2055G | \$1520.00 |
| | • Pour Point -15.5°C / +4°F | • Freeze drying | | | |
| | • Specific Gravity 0.869 | • Mass spectrometry | | | |
| | | • Sputtering | | | |
| | | • General laboratory applications | | | |
| EZ GRADE | SPECIFICATIONS | APPLICATIONS | SIZE | PART # | PRICE |
| Double distilled to exhibit the highest performance for mechanical pumps, EZ Grade is very resistant to thermal and chemical attack and provides longer oil life and superior protection to the vacuum pump. | • Vapor Pressure <math>< 1 \times 10^{-7}</math> Torr | • Mechanical pumps operating in severe applications, including higher temperatures and those subject to water or chemical attack | 1 Quart | LVOEZ1Q | \$15.00 |
| | • Viscosity @ 100 °F 64 cSt / 298 SUS | • Optical and decorative coatings | 1 Gallon | LVOEZ1G | \$60.00 |
| | • Viscosity @ 200 °F 10 cSt / 59 SUS | • Leak detection | 5 Gallon | LVOEZ5G | \$286.00 |
| | • Flash Point (COC) 268°C / 515°F | • Freeze drying | 55 Gallon | LVOEZ55G | \$2295.00 |
| | • Pour Point -54°C / +65°F | • Mass spectrometry | | | |
| | • Specific Gravity 0.84 | • Sputtering | | | |
| | | | | | |
| FF GRADE | SPECIFICATIONS | APPLICATIONS | SIZE | PART # | PRICE |
| Flushing fluid designed to assist in the internal cleaning of particles and sludge build-up in mechanical vacuum pumps. Its low viscosity helps free contamination from internal parts, allowing it to be flushed from the pump through the drain valve. | • Vapor Pressure <math>< 1 \times 10^{-4}</math> Torr | • Flushing fluid for all types of mechanical pumps using hydrocarbon fluids. | 1 Gallon | LVOFF1G | \$12.00 |
| | • Viscosity @ 100 °F 25.3 cSt / 120.3 SUS | | 5 Gallon | LVOFF5G | \$50.00 |
| | • Viscosity @ 200 °F 4.4 cSt / 40 SUS | | 55 Gallon | LVOFF55G | \$420.00 |
| | • Flash Point (COC) 180°C / 356°F | | | | |
| | • Pour Point -12°C / +11°F | | | | |
| | • Specific Gravity 0.86 | | | | |