



VPO-3000 Vacuum Pump Fluid

This hydrocarbon vacuum pump fluid is intended for use in Vacuum Research Rotary Vane Pumps. Our VPO-3000 fluid is a narrow cut distillation fraction that gives good ultimate vacuum with low back-streaming yet it provides the excellent lubrication needed for long Pump Life

Specification VPO-3000

Vapor Pressure
(Torr) @ 25°C.....1 X 10⁻⁶
Boiling Point
@ 0.01 Torr.....130 °C
Pour Point.....-13 °C
Flash Point.....241 °C
Fire Point.....253 °C
Specific Gravity (g/cc)...0.872

Viscosity (cS t/SUS)
@ 40 °C/100 °F.....63.9/320
@ 100 °C/21 °F.....8.5/54

Form.....Clear amber liquid

Hazardous
Decomposition.....None
Incompatibility.....Flame
Hazardous Ingredients.....None

VPO-3000 is a good choice in a wide variety of general and special vacuum services that require frequent pumpdown cycles including optical film coating, heat treating furnaces, vacuum ovens, decorative coatings by evaporation, sputtering and LPCVD.

Size/Volume	Part Number	Price
1 gallon (3.8 liter)	VPO-3000GAL	\$20.00
5 Gallon pail (18.9 liter)	VPO-3000 GAL	\$85.00



VPF-1000 Vacuum Pump Flushing Fluid

This flushing fluid was developed to improve and simplify cleaning procedures for Vacuum Research Rotary Vane Pumps. This low viscosity fluid will flush out particulates and residuals that usually settle in the bottom of pumps.

Specification VPF-1000

Vapor Pressure
(Torr) @ 25°C.....1 X 10⁻⁵
Boiling Point
@ 0.01 Torr.....112 °C
Pour Point.....-15 °C
Flash Point.....218 °C
Fire Point.....244 °C
Specific Gravity (g/cc)...0.860

Viscosity (cS t/SUS)
@ 40 °C/100 °F.....28/150
@ 100 °C/210 °F.....4.5/41

Form.....Clear amber liquid

Hazardous
Decomposition.....None
Incompatibility.....Flame
Hazardous Ingredients.....None

Flushing with VPF-1000 is recommended during oil changes before the addition of the new fluid as part of a regular preventive maintenance program. Such regular use improves the service life of all mechanical pumps. It is recommended that the pump be drained while hot, filled with flushing fluid and run for about 10 minutes to properly flush. The pump is then immediately drained again and refilled with our VPO-3000.

Size/Volume	Part Number	Price
1 gallon (3.8 liter)	VPF-1000GAL	\$21.00
5 Gallon pail (18.9 liter)	VPF-10005GA;	\$90.00