

Vacuum Pump Oils

Gold Vacuum Pump Oil



- Exceptionally low vapor pressure
- High stability in chemical environments
- No additives or inhibitors
- Recommended for Welch belt-drive and direct-drive pumps

A double distilled synthetic hydrocarbon oil designed for excellent resistance when pumping corrosive gases or vapors. A synthetic base stock that has no aromatic compounds or sulfur which accelerate varnishing, sludging and carbon build-up when pumps are used to pump corrosives. Gold oil will give a longer service life and superior protection for the internal metal components of a pump in corrosive pumping applications compared to DuoSeal® and Premium Oil. Gold Oil offers excellent vacuum pressure in both belt-driven and direct-driven vacuum pumps over time. Gold Oil is miscible with conventional hydrocarbon oils and can be used without rebuilding the pump. The oil is clear and colorless.

Ordering Information

Size	Liter	Gallon	5 Gallon
CAT. No.	8995G-11	8995G-15	8995G-20

Premium Vacuum Pump Oil



- Low vapor pressure
- Designated for high RPM direct drive vacuum pumps
- No additives or inhibitors
- Recommended for Welch direct-drive vacuum pumps

A triple-distilled hydrocarbon oil using severely hydrotreated base stock is designed to resist breakdown at higher RPMs and operating temperatures of direct-drive vacuum pumps. The hydrotreating virtually eliminates aromatics and sulfur to give good resistance to sludge and varnish formation overtime in corrosive environments. Premium oil enables direct-drive vacuum pumps to maintain the highest vacuum performance over time. The oil is light yellow.

Ordering Information

Size	Liter	Gallon	5 Gallon
CAT. No.	8995P-11	8995P-15	8995P-20

DuoSeal® Vacuum Pump Oil



- Low vapor pressure
- Ideal viscosity for belt-drive vacuum pumps
- High consistency
- Recommended for DuoSeal belt-drive pumps

A specially fractionated oil for DuoSeal belt-driven pumps is designed to ensure the highest vacuum performance. The oil is tested to high vacuum levels to meet rigid requirements for vapor pressure, vacuum level stability, and viscosity. DuoSeal oil is famous for its quality and consistency.

Ordering Information

Size	Liter	Gallon	5 Gallon
CAT. No.	1407K-11	1407K-15	1407K-20

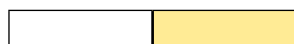
Make The Clear Choice



8995G-11

Pump Oil Condition Color

Good Oil



Bad Oil (Possible Pump Damage)



The choice is clear. Pump oil can become contaminated with ingested fluids and vapors. Use recommended pump oil and change your pump oil regularly. Cloudy and discolored oil will lead to premature pump failure.

Make the clear choice and change your oil regularly.

Labovac 10 - Mineral Oil



For Two-stage Welch Rotary Vane pumps and Chemvac's. To pump air, inert gases and noble gases. Vapor pressure 10^{-6} mbar. Viscosity 118 cst at 40°C. Flash point 270°C. Density 0.888 g/ml @ 15°C.

Remarks:
Oil Service cycles can be extended by using a oil-filter.

Ordering Information

Size	1 Liter	5 Liters	10 Liters	20 Liters	200 Liters
CAT. No.	800122	800120	800123	800124	80019

Labovac 11 - Synthetic Oil



Used for high operating temperatures > 100°C, specially in One-stage rough vacuum rotary vane pumps. Vapor pressure 10^{-5} mbar. Viscosity 110 cst at 40°C. Flash point 260°C. Density 0.960 g/ml @15°C.

Remarks:
Do not pump any inorganic acids. Ultimate pressure up to 0.5 mbar(torr).

Ordering Information

Size	1 Liter	10 Liters	20 Liters
CAT. No.	800125	800126	800127

Labovac 12S - Paraffin Mineral Oil



For pumping air, chemically inert permanent gases - water vapour, solvent vapors. Vapor pressure 10^{-8} mbar. Viscosity 94 cst at 40°C. Flash point 260°C. Density 0.886 g/ml @15°C.

Remarks:
Oil Service cycles can be extended by using a chemical oil-filter. Pump should operated with a cold trap.

Ordering Information

Size	1 Liter	10 Liter	20 Liter
CAT. No.	800128	800129	800130

Labovac 13 - PFPE Oil



For pumping strong oxidants like oxygen, ozone and reactive substances (halogens). Vapor pressure 10^{-6} mbar. Viscosity 120 cst at 40°C. Density 1.890 g/ml @15°C.

Remarks:
Mixing with other types of oil must be absolutely avoided. We recommend to order the rotary vane pump directly with these vacuum oil to ensure best performance.

Ordering Information

Size	1 Liter	2 Liter	5 Liter	10 Liter
CAT. No.	800131	800132	800133	800134

Labovac 14 - Polyalphaolefin (PAO) oil



For pumping of chemically inert permanent gases - water vapor and solvent vapors. Improved cold starting at low temperatures. Vapor pressure 10^{-6} mbar. Viscosity 47.9 cst at 40°C. Flash point 257°C. Density 0.918 g/ml @15°C

Remarks:
A oil-filter is strongly recommend. Ultimate pressure up to 10^{-2} mbar(torr).

Ordering Information

Size	1 Liter	2 Liter	5 Liter	10 Liter
CAT. No.	800135	800136	800137	800138