

Deep Vacuum

Vacuum Pump Oil

Black Gold Vacuum Pump Oil is the Gold Standard in Vacuum pump care. For use in any vacuum pump, Black Gold is extremely pure and non-detergent. Our Black Gold is hydro processed which means it goes through a series of catalytic steps rendering the oil extremely refined, more viscous, and more stable. The result is clear mineral oil which will alert you to contamination sooner as it becomes cloudy or milky. In extreme temperatures, the oil will be more resistant to contaminants. We still recommend, however, that the oil be changed after every evacuation for maximum performance and pump efficiency.

The best test to see if your oil is contaminated is through a micron gauge. With a leak-free system, if your DV-22N micron gauge is still not reading a deep vacuum, the oil is too contaminated and should be changed.

Vacuum Pump Accessories



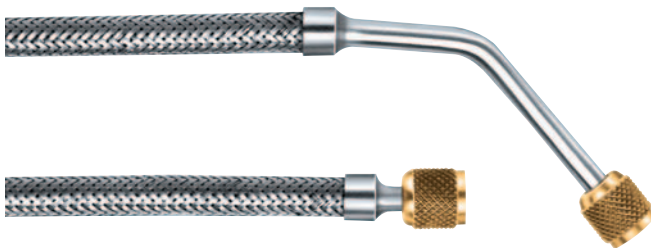
Part No.	Description	Ctn. Qty.	Size (H x L x W)	Shipping Weight
DVO-1	Pint Bottle	24	9" x 14.25" x 12.5"	25 lbs / 11.4 kg
DVO-12	Quart Bottle	12	11" x 13" x 10"	24 lbs / 10.9 kg
DVO-24	Gallon Bottle	6	12.5" x 15.5" x 12.5"	47 lbs / 21.4 kg

Sold in carton quantities only.

MSDS information for our Black Gold vacuum pump oil can be found on our website at www.jbind.com under technical information.

Flexible Metal Line

Unlike charging hose, our flexible metal lines will not permeate under vacuum. Our metal lines feature finger-tight O-ring coupler ends.



Part No.	Description
D10436	1/4" x 36" flexible metal line (one 45° fitting)
D10472	1/4" x 72" flexible metal line (one 45° fitting)
D10636	3/8" x 36" flexible metal line (straight fittings)
D10660	3/8" x 60" flexible metal line (straight fittings)

Replacement parts

Part No.	Description
P90009	1/4" O-ring
P90012	3/8" O-ring

How to choose the right size pump for your applications?

CFM²= maximum tonnage rating. Therefore take the CFM rating of a pump and multiply it by that number to find the maximum number of tons the pump is rated for. Therefore, a 3 CFM pump (3 x 3) is rated for 9 tons. A 7 CFM pump (7 x 7) is rated for 49 tons. In many cases, depending on the system line sizes of large tonnage systems, it is better to put two or more smaller, easily maneuverable pumps at different locations. This will overcome some of the pressure drop problems and actually evacuate faster than a single, large pump. Pumps in the 1.5 to 10 CFM class are adequate to handle 99% of the work.



Vacuum Pump Accessories

Swivel Couplers

Features an O-ring Seal.



Part No.	Description
D10244	1/4" female swivel coupler
D10266	3/8" female swivel coupler

Replacement parts

Part No.	Description
P90009	1/4" O-ring
P90012	3/8" O-ring

Oil Tap Tube

A33600

End the mess in oil changes and save time on service calls with JB's new oil tap access tube.

This access tube reduces motor burnout by simplifying acid tests and can be left in place for future tests and changes.



Economy Deep Vacuum Manifold

D10053

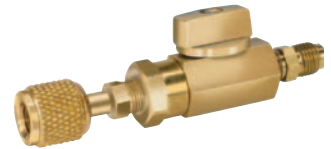
Ideal for use in domestic service, the deep vacuum manifold features separate valves for isolating the system from the pump and charging and/or performing pressure drop tests. The manifold can be hooked up for charging, to a micron gauge, and to charging hoses as well as quickly connecting to a pump with a 3/8" intake port.



Deep Vacuum

Shut off Valve

Our O-ring quick coupler valves are great for blanking off any vacuum system and work for pressures up to 800 lbs.



Part No.	Description
D10162	1/4" FE QC x 1/4" flare

Quick Couplers

Features an O-ring seal and no depressor.



Please refer to page 41 for a complete list of elbow, straight, and FTP thread couplers and valves.

Part No.	Description
QC-E64	3/8" QC x 1/4" SAE elbow
QC-S64	3/8" QC x 1/4" SAE straight

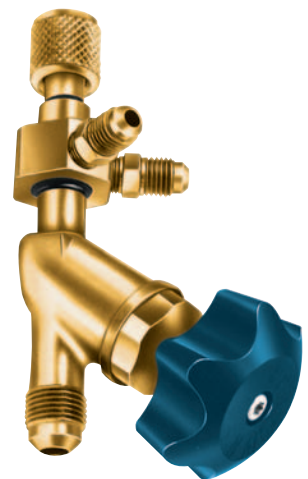
Replacement parts

Part No.	Description
P90009	1/4" O-ring
P90012	3/8" O-ring

Blank-Off Manifold Valve

D10160

Blank-Off Manifold valves isolate the pump from the system. These are designed and necessary for all pumps without an internal blank-off valve like the Eliminator™. The 3/8" QC connects to the center manifold port, the 3/8" SAE flare port is for the hose connection from the pump, and the 1/4" ports are for the refrigerant line and the micron gauge.



See page 42 of the "Tools" section for information on the core remover.