

Are you getting value on the inside?



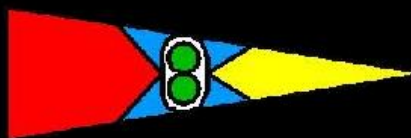
When you choose an mbar overhaul for your vacuum pump or blower the result is a pump that performs like new but has improved reliability!

An example of this is an mbar overhaul of a water sealed pump. From new these pumps have cast iron end plates. Over time the end plates corrode affecting their seal and causing them to leak. The water leak destroys the bearing. Any pitting or damage is machined out and the area is refurbished using an alloy metal repair, this alloy is corrosion resistant. The pump reliability is now better than new!

The port plates and the rotor are bronze from new but the sealing surfaces get worn by particulate contaminants in the sealing water. This causes the pumps flow performance to deteriorate. By re-machining these four surfaces and resetting clearances the pump performance is brought back to as new. For increased reliability it is mbar's policy to use bearings with the correct load rating in kN for their overhauls (not all bearings have the same load ratings), this gives better bearing life.

On customer request the rotor can also be balanced, decreasing vibration and increasing the pumps bearing life.

Not only does an mbar overhaul improve reliability, perform like new but it looks like new as well! All overhauls include sandblasting to remove build up and rust. After testing the pumps are then etch primed. This priming reduces the risk of paint flaking, particularly important in food processing applications. The pumps then receive a top coat so they go out the door looking like new again!



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