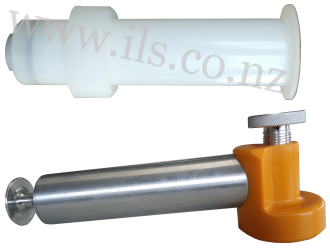
INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

OIL SAMPLE PUMPS

DISPOSABLE UOM PUMP

Re-useable ALUMINUM UOM PUMP



Vacuum pumps are used to extract oil samples from pressurized systems not equipped with sampling valves. They are utilized in tandem with a flexible extraction tube to pull the fluid sample to the sample bottle. This tube can be fitted with sample port adapters if a sample valve is deployed. To set up the vacuum pump assembly, cut a piece of tubing long enough to reach halfway down into the vertical oil level height in the compartment of which you're sampling. If you are sampling from a valve, the tube must be long enough to reach the valve. On the other end, insert the tubing about 25 millimeters through the knurled knob on the vacuum pump. This is the pump location where you'll screw on the sample bottle below where you tighten the knurled knob to grip and seal the tube (do not overtighten).

Make sure your vacuum pump accepts the size of your tubing. The bottle should be threaded tightly onto the pump to achieve a vacuum-tight seal. It's best practice to place each bottle in a zip-lock sandwich bag in advance to restrict particle ingression from the ambient air and dirty hands during sampling. Draw vacuum and allow the sample bottle to be filled up to the fill line

It's important to note that you should change the tubing each time you draw an oil sample to prevent cross-contamination.

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