Head Space Dehydrator

HSD



The HSD – Head Space Dehydrator is a new product designed for permanent installation on a hydraulic reservoir to reduce water vapor condensation.

This water is a major cause of rust, cavitation, sensor failure, and other system failure modes. By passing a stream of dry, filtered air over the top of the oil, the moist air will be removed from the reservoir with dry air taking its place.

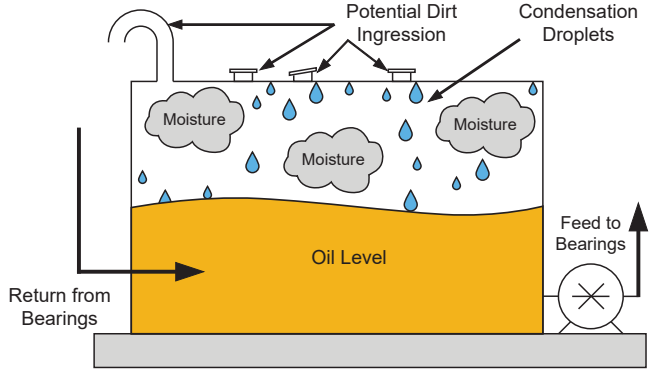
The resulting reduction in water and particulate in the oil will result in better life of critical system components. Most hydraulic reservoirs in Primary Metals, Pulp & Paper, and other industries contain a pocket of air between the top of the reservoir and the fluid level. By addressing this known mechanism of water and particulate ingression, we can minimize contamination more effectively at a lower cost.

Specifications

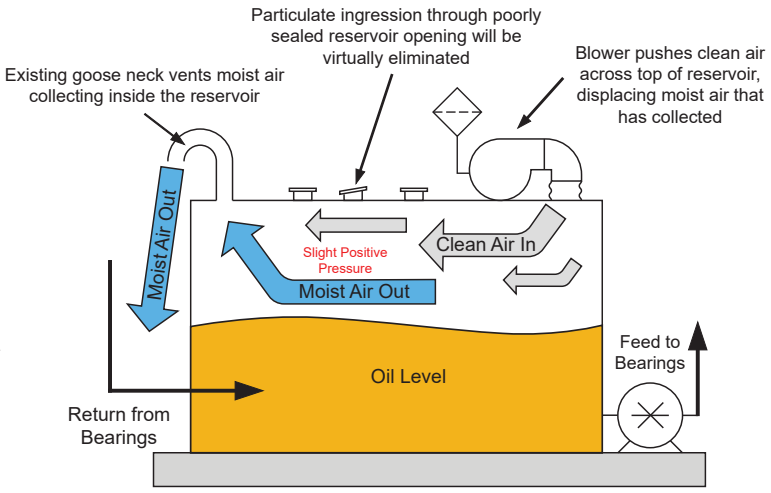
Flow Rating:	Max Flow Rate is 282 cfm (7985 lpm)
Blower:	1/2HP Blower with a 220-275 / 380 - 480 V - 60 Hz - 3 Phase Motor
Breathers:	Uses 4 Breathers which Include -0.5 psi (-0.035 bar) Differential Pressure Indicators

Part to Order

7650293 - Head Spaced Dehydrator



Unprotected Reservoir



Protected Reservoir