

## CASE STUDY HYDRAULIC

*Even Cleans Powdered Metal Contaminates as Small as 1 Micron !*

### **Customer**

Powdered metal product manufacturer.

### **The Problem**

Contamination in hydraulic controls systems causes multiple types of failures even leading to equipment downtime. The powdered metal manufacturing industry is susceptible to this condition due to the high quantity of small particulate airborne debris. This debris directly contaminates the hydraulic fluid by the ingestion of contaminates through the seals. Contamination levels in the system can reach ISO 22/19/16.

### **The Solution**

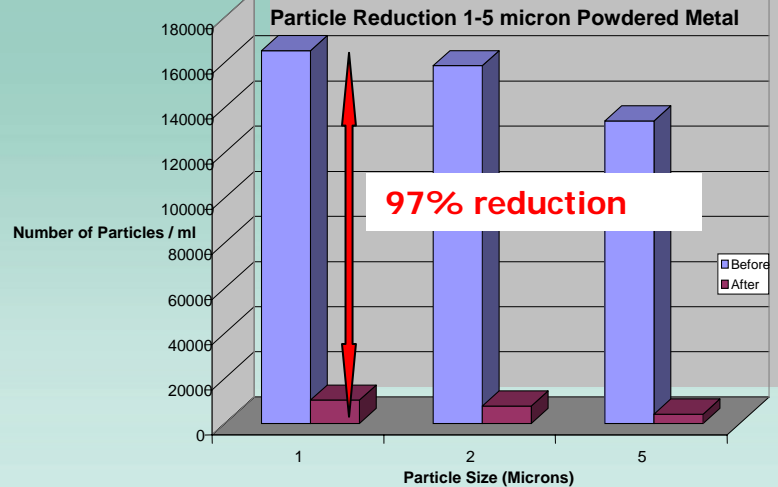
EP NTZ's ALH 29 micro filtration system was installed to achieve optimal fluid cleanliness.

### **The Test**

The hydraulic filter ran for a total of 15 minutes circulating the fluid to remove the powdered metal contaminates.

### **The Result**

The resulted in a new ISO code of 16/13/11.



*After only 15 minutes of filtration, the EP NTZ filter demonstrated a 97% reduction of powdered metal contaminates of 1-5 micron.*



*Our customer stated, "This is the best filter I've ever seen!" He had given up trying to find a solution with other filter companies.*

EP NTZ Micro Filtration, LLC

**The smart choice.**

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