

Nitrogen Gas Compressor

Background	Fluid Monitoring was applied two nitrogen compressor in early 2018 in compressor lubrication oil.
Initial alert	Fluid Monitoring automatic warning system reported anomaly in customers nitrogen compressor lubrication oil 24 th of January 2019.
Corrective actions	<p>Customer applied vibration analysis at the customers site. No defects were found.</p> <p>Oil sample was sent to Fluid Intelligence for further investigation.</p> <p>Fluid Intelligence spotted 8 pcs of 70-100 microns metal particles from oil sample which indicated early hidden failure in rotating parts of compressor.</p>
Continue	<p>Customer have planned revision of the equipment in production break in 2019.</p> <p>Equipment is controlled with vibration analysis and heat camera pictures and of course Fluid Monitoring system regularly.</p>



