

Equipment Registration Form (ERF)

This form should be filled out for each machine that will be monitored through our MachineCloud service. With this information, our level 4 vibration analysts can provide excellent customer service and component level suggestions to keep your machines running longer with fewer failures and less unplanned downtime.

EQUIPMENT REGISTRATION FORM

Area	Sector	Machine
<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>Component</p> <div style="border: 1px solid black; height: 100px; margin-bottom: 10px;"></div> <p>Drive Component</p> <div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p><input type="checkbox"/> AC Motor</p> <p><input type="checkbox"/> DC Motor</p> <p><input type="checkbox"/> Generator</p> <p><input type="checkbox"/> Servo or Special Motor</p> </div> <div style="width:45%;"> <p><input type="checkbox"/> Pillow Block/Sleeve</p> <p><input type="checkbox"/> Bearing DE</p> <p><input type="checkbox"/> Bearing NDE</p> </div> </div> <p>Lubrication</p> <p>Bearing DE <input type="checkbox"/> Grease <input type="checkbox"/> Oil</p> <p>Bearing NDE <input type="checkbox"/> Grease <input type="checkbox"/> Oil</p> <p>Electric Start Drive</p> <p><input type="checkbox"/> Contactor</p> <p><input type="checkbox"/> Soft - Starter</p> <p><input type="checkbox"/> Inverter</p> <p>Motor Mounting</p> <p><input type="checkbox"/> Flanged Driven Side</p> <p><input type="checkbox"/> Flanged to Driven Element</p> <p><input type="checkbox"/> Mounted on Metallic Base</p> <p><input type="checkbox"/> Mounted Directly to the Floor</p> <p><input type="checkbox"/> Mounted on Cushions</p> <p><input type="checkbox"/> Mounted on Springs</p> </div> <div style="width:45%;"> <p>Transmission</p> <p><input type="checkbox"/> Rigid Screw Fixing</p> <p><input type="checkbox"/> Flexible / Elastic</p> <p><input type="checkbox"/> Grided Gear</p> <p><input type="checkbox"/> Arched teeth with sleeve</p> <p><input type="checkbox"/> Pin Elastic</p> <p><input type="checkbox"/> Claw Elastic</p> <p><input type="checkbox"/> Hydraulic</p> <p><input type="checkbox"/> Other types not contemplated in this ERF:</p> <p>Coupling</p> <p><input type="checkbox"/> Angle Drive</p> <p><input type="checkbox"/> Straight Drive</p> <p><input type="checkbox"/> Axial Spacer</p> <p>Axial Joint</p> <p><input type="checkbox"/> Ø Drive (d1) _____ cm</p> <p><input type="checkbox"/> Ø Driven (d2) _____ cm</p> <p>Pulleys / Belts</p> <p><input type="checkbox"/> Ratio _____</p> <p><input type="checkbox"/> Between Axes (L) _____ cm</p> <p><input type="checkbox"/> Number of Belts _____ un.</p> <p>Crown / Chain</p> <p><input type="checkbox"/> Drive Gear Teeth (Z1) _____ un.</p> <p><input type="checkbox"/> Driven Gear Teeth (Z2) _____ un.</p> <p><input type="checkbox"/> Ratio _____</p> <p><input type="checkbox"/> Between Axes (L) _____ cm</p> <p>Gearbox</p> <p><input type="checkbox"/> Parallel Gearbox</p> <p><input type="checkbox"/> Helicoidal Gearbox</p> <p><input type="checkbox"/> Cycloidal Gearbox</p> <p><input type="checkbox"/> Planetary Gearbox</p> <p><input type="checkbox"/> Endless Axis</p> <p><input type="checkbox"/> Other _____</p> <p>Oil Sampling</p> <p><input type="checkbox"/> Type <input type="checkbox"/> Lubricant Oil</p> <p><input type="checkbox"/> <input type="checkbox"/> Hydraulic Oil</p> <p><input type="checkbox"/> <input type="checkbox"/> Grease</p> <p>Commercial Name _____</p> <p>Manufacturer / Brand _____</p> <p>Lubricant Viscosity (ISO VG) _____</p> <p>Reservoir Volume (quarts) _____ NAS</p> <p>Sampling Point <input type="checkbox"/> Upper Suction <input type="checkbox"/> Sampler</p> <p><input type="checkbox"/> Pitot Suction <input type="checkbox"/> Lower Drain</p> </div> </div>		

Driven Component

Description _____ **TAG** _____

Manufacturer _____ **Model** _____

***Type**

☐ Gears ☐ Lobe ☐ Screw

Pump

☐ Rotor / Blades ☐ Axial ☐ Piston

Phase

☐ Simple Phase ☐ Multiple Phase

Lubrication

☐ Oil ☐ Grease ☐ With Lubrication Fitting

☐ Without Lubrication Fitting

Description _____ **TAG** _____

Manufacturer _____ **Model** _____

Rotor Diameter _____ **Number of Blades** _____

☐ Swing Fan ☐ On Bearings ☐ Driving Shaft

Fan/Exhausts

☐ Oil ☐ Grease ☐ With Lubrication Fitting

☐ Without Lubrication Fitting

Description _____ **TAG** _____

Manufacturer _____ **Model** _____

***Load** ☐ Ar ☐ NH3 ☐ CO2 ☐ Freon

☐ Alternative

☐ "V" Type ☐ "W" Type ☐ "L" Type

☐ Opposite Pistons ☐ Pistons in Line ☐ Horizontal

Compressor

☐ Centrifugal

☐ Simple Stage 1 Impellers

☐ Multi Stages 2 Impellers

☐ Multi Stages 3 Impellers

☐ Multi Stages 4 Impellers

☐ Screw

☐ Simple Stage ☐ Multiple Stage

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