| Analysis Report |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Component Information |  |  | mple Information |  | Customer Information |
| Machine Type: | Anti Friction Bearing | Sump Size: Unknown | Received: | 03/16/2017 | ABC WIND FARM |  |
| Lubricant: | KLUBER/Kluberplx BEM 41-301 |  | Report: | 03/16/2017 |  |  |
| Machine MFG: | UNKNOWN |  | Sample No.: | 2694-11-59-7 |  |  |
| Machine MOD: | T |  | Analyst/Test: | DR / AFGREASE1 |  |  |

PRObLEMS
High Water Content
COMMENTS The level of water contamination $(0.2400 \%$ ) is excessive and considered abnormal. Check for sources of water ingression and repair as necessary. The high ferrous wear concentration level suggests that an abnormal wear mode exists. Check this machine for excessive noise, vibration or high temperature. Continued operation may result in serious mechanical issues.

Customer notes


Wear Particle Analysis Report

|  | Trace | Light | Moderate | Heavy | Max. Size |
| :--- | :--- | :--- | :---: | :---: | :---: |
| Rubbing Wear |  |  | Particle Composition |  |  |
| Rolling Contact |  |  |  |  |  |
| Sliding Wear |  |  |  |  |  |
| Rolling/Sliding Wear |  |  |  |  |  |
| Cutting Wear |  |  |  |  |  |
| Chunks |  |  |  |  |  |
| Spheres |  |  |  |  |  |
| Corrosion |  |  |  |  |  |
| Dark Metallic Oxides |  |  |  |  |  |
| Red Oxides |  |  |  |  |  |
| Dust/Dirt |  |  |  |  |  |
| Other Contaminants |  |  |  |  |  |
| Oxidation By-Products |  |  |  |  |  |

Observations:Analytical ferrography did not detect abnormal particles for this sample.


