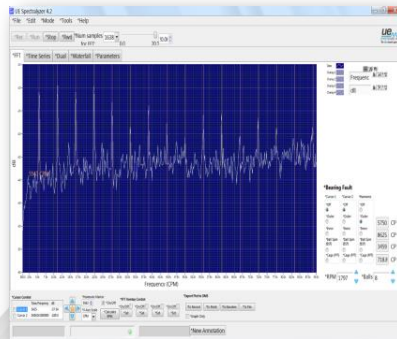
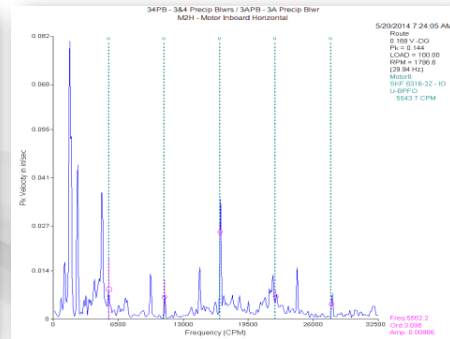


How Do I Know If What I'm Listening To Is Good Or Bad?

SKF 6316 Bearing at 1797rpm



Outer Race harmonic detected with Ultrasound

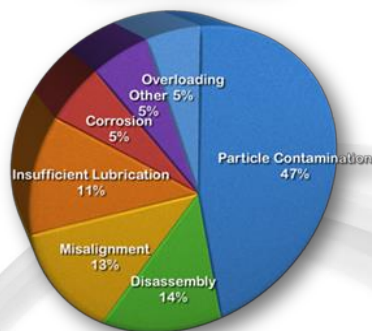


Outer Race harmonic detected with vibration

25

Lubrication Related Failures

Causes of Bearing Failures



Source: "Pump Users Handbook: Life Extension" 2011 by Heinz Bloch

- The majority of premature bearing failures are lubrication related
 - Under lubricated
 - Over lubricated
 - Wrong lubricant
 - Lubricant contamination

26