

Magnetic Plug Rating Chart

Use the pictures shown to rate the condition of each magnetic plug.

Details of the plug condition should be fed back to the shift supervisor as required. Magnetic plug information (debris build up rating and a picture) should also be documented during the sample registration process via the myLab online portal or the Fluid Life mobile app.

1



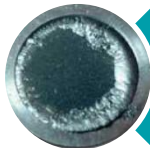
This display is normal wear. Content is only fine Gray paste, no shiny chips or metal fragments. **Machine is OK to return to work after plug is cleaned.**

2



Advanced stages of fines showing early stages of bearing race and roller wear. Contents are small shiny metal particles. No chips or large fragments. Rating noted on service sheets and sample information in myLab for closer monitoring over coming period. **Machine is OK to return to work after plug is cleaned.**

3



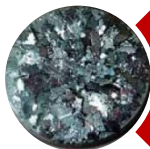
Shiny metal particles exist. More advanced stages of bearing race and roller breakdown. Contents are small shiny chips. If final drive, check differentials magnetic plug and visa versa to ensure the other component is not the source. Notify Shift supervisor and document findings (rating and picture) in sample information. Closer monitoring should be scheduled. **Machine is OK to return to work after plug is cleaned.**

4



Well-advanced failure of components provided this amount of contaminants has accumulated since last inspection. Contents will be a heavy covering of metal fragments with small to large chips. If final drive, check differentials magnetic plug to ensure the other component is not the source. Inform supervisor so inspection of failing component can be done ASAP. Document the debris rating and take a picture to include in the sample information. **OK to return to work for a short period if supervisor gives OK.**

5



Failure has occurred provided this amount of contaminants has accumulated since last inspection and is not residue from a previous failure. If final drive, check differentials magnetic plug and visa versa to ensure the other component is not the source. Contents will be a very heavy covering of large shiny chips and slivers. Inform Shift supervisor immediately so repairs can be organized. Document the debris rating and take a picture to include in the sample information. **THE MACHINE IS NOT TO BE USED.**