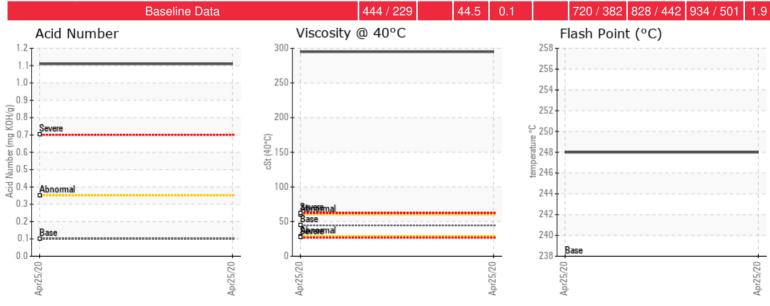


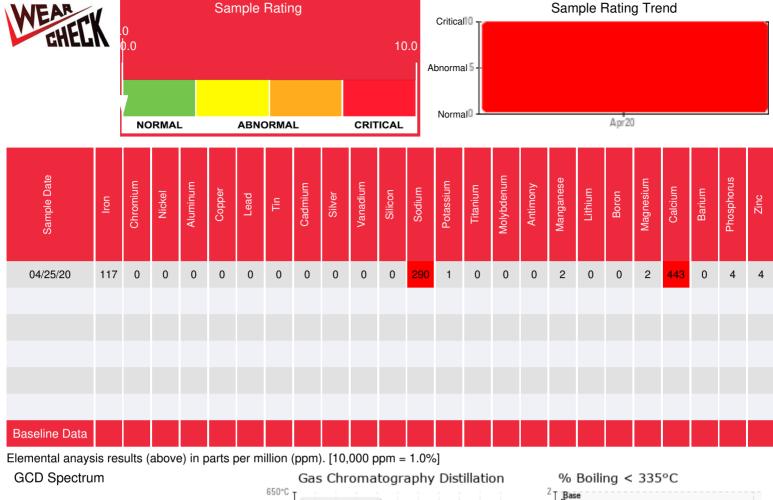
| System Information | Sample Information |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| System Volume: 3200 gal | Lab No: 04982608 |
| Bulk Operating Temp: 360F / 182C | Analyst: Doug Bogart |
| Heating Source: | Sample Date: 04/25/20 |
| Blanket: | Received Date: 05/21/20 |
| Fluid: SCHAEFFER 281 HEAT TRANSFER OIL | Completed: 05/27/20 |
| Make: HEATAC | Doug Bogart |
| | dougb@wearcheckusa.com |
| | System Volume: 3200 gal Bulk Operating Temp: 360F / 182C Heating Source: Blanket: Fluid: SCHAEFFER 281 HEAT TRANSFER OIL |

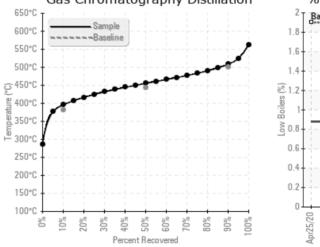
Recommendation: We recommend that you drain the fluid from the component if this has not already been done. The high viscosity dramatically reduces the heat transfer efficiency of the fluid. We recommend that you drain, clean and refill the system with fresh heat transfer fluid. All tests and evaluation performed at WearCheck Canada laboratory.

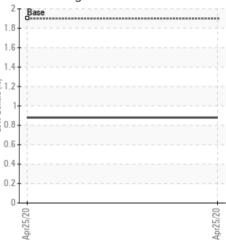
Comments: All component wear rates are normal. The water content is negligible. Sodium ppm levels are severely high. Acid Number (AN) is severely high. Calcium ppm levels are severely high. Visc @ 40°C is severely high. The fluid viscosity is higher than normal. The high AN level of the fluid indicates the presence of oxi-polymerized products. The AN level is much higher than the recommended limit. Viscosity of sample indicates oil is within ISO 320 range, advise investigate. The fluid is no longer serviceable.











Historical Comments

WearCheck Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it.

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