

WANSON BH/INC 1200

Customer: PTRHTF40127

Dalco Foods B.V Everdenberg 50

Oosterhout, 4902TT Netherlands

Attn: Wilbert Snijers

Tel:

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System Information

System Volume: 4200 gal

Bulk Operating Temp: 518F / 270C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

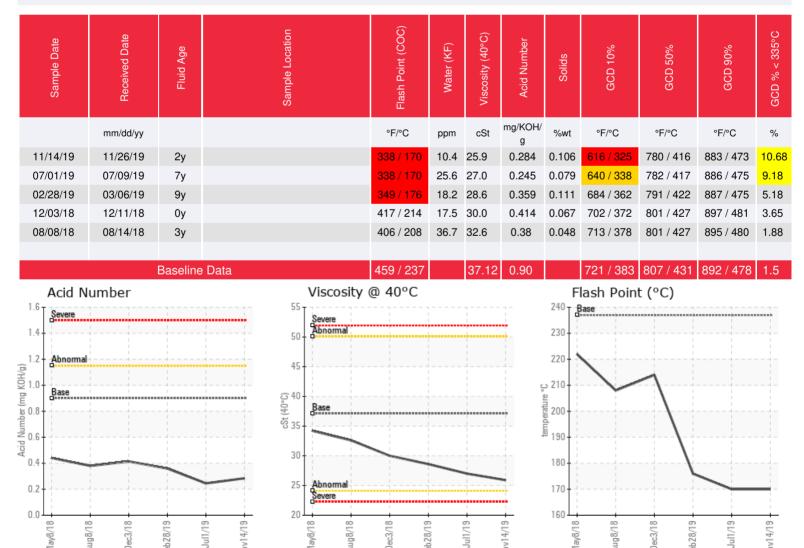
Make: WANSON

Sample Information

Lab No: 02322868 Analyst: Philip Riley Sample Date: 11/14/19 Received Date: 11/26/19 Completed: 12/10/19

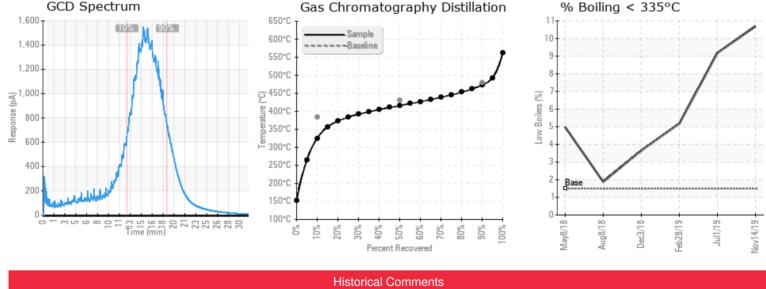
Recommendation: Sample continues to deteriorate. How long has the system been running as there are inconsistent values of age input against previous samples. Viscosity has decreased and evidence of cracking of the oil (shape of curve), also reducing flash point and 10% distillation. Please try safe venting and check for recovery. Otherwise, operating at 270C is well above the current flash point which has reduced down to 170C. Recommned venting and re-sample to check recovery. If continues to deteriorate look towards a change. Please, again, clarify the actual operating time as the sequence does not make sense in previous samples

Comments: (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is marginally high.





Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments FLuid age look sot have reduced? Signs of low flash point and steadily reducing viscosity if trending correct with fluid ages. If the fluid can be safely vented it may recover the flash point, otherwise re-sample in 6 months to check on the fluid degradation COC Flash Point is severely low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high. Flash Point (COC) is very low and off specification. Recommend venting the system if it is safe to do so and resample after venting to see how the oil charge has recovered flash point. COC Flash Point is severely low. FLuid looks in good condition with respect to expected parameters. Some more clarity required on the unit age, time on oil etc as this is not consistent with previous samples. Based on result set the fluid is fit for further use and should be sampled at the next scheduled interval Flash Point marginally low, and evidence of light molecules in the GCD. All tests within allowable limits and fluid fit for further use

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