



WANSON450 NEW SYSTEM

Customer: PTRHTF40022

MAYONNA BV NOORDGAT 1 FLEVOLAND

URK, FLE NETHERLANDS Attn: Maintenance Manager

Tel: E-Mail:

System Information

System Volume: 1400 ltr

Bulk Operating Temp: 500F / 260C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: WANSON

Sample Information

Lab No: 02467253

Analyst: Bill Quesnel CLS, OMA II, MLA-

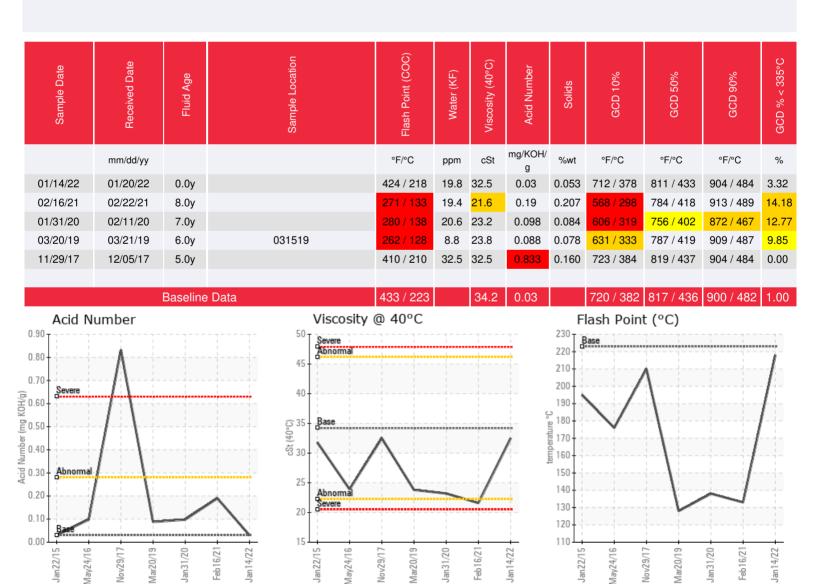
III,LLA-I

Sample Date: 01/14/22 Received Date: 01/20/22 Completed: 01/26/22

Bill Quesnel CLS, OMA II, MLA-III, LLA-I

Recommendation: Resample at the next service interval to monitor.

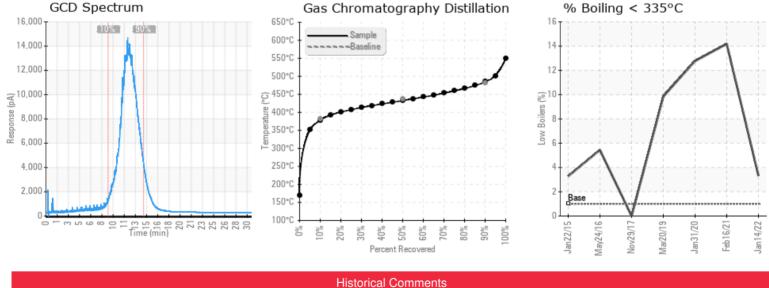
Comments: There is no indication of any contamination in the fluid. The condition of the fluid is suitable for further service.



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



Historical Comments	
02/16/21	Fluid shows signs of severe degradation and, again, recommend this fluid is changed, including a clean and flush. There is clear evidence of thermal cracking, and also a viscosity loss that would also support this somewhat. The flash point is severely low and has been for some time. The 'shape' of the GCD curve supports the thermal cracking. Recommend fluid change, clean, flush (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is abnormally high. Visc @ 40°C is abnormally low.
01/31/20	Fluid continues to deteriorate in rating. Viscosity very low showing formation of lighter molecules and flash point, although recovered slightly from last sample, remains severely low. Strong evidence of cracking on the distillation curve. Recommend fluid change out (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is abnormally high. (GCD) 90% Distillation Point is abnormally low. (GCD) 50% Distillation Point is marginally low.
03/20/19	COC Flash Pt extremely low. If venting (if can be done safely) does not recover the flash point, recommend change of oil. Viscosity is not consistent with Petrotherm HTF. COC Flash Point is severely low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.
11/29/17	Acid number high and above condemnation limits. Most parameters OK except that iron has crept upwards, still within limits but a step change and likely related to acid number. Look to re-sample at 6 months to check, with view to change if fluid has degraded further Acid Number (AN) is severely high.

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