

WANSON TPC 850 LN MP

Customer: PTRHTF40072

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System Information

System Volume: 1600 ltr Bulk Operating Temp: 160F / 71C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: WANSON

Sample Information

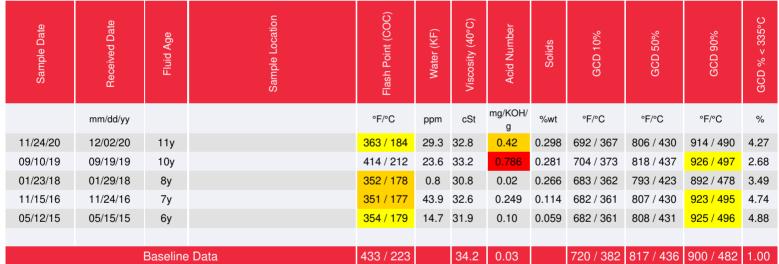
Lab No: 02390712 Analyst: Matthias Voss Sample Date: 11/24/20 Received Date: 12/02/20 Completed: 12/08/20

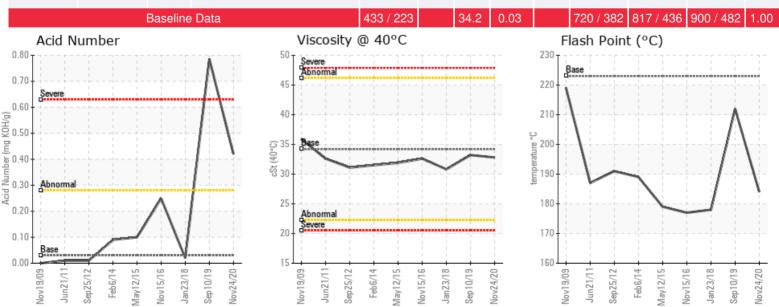
Matthias Voss

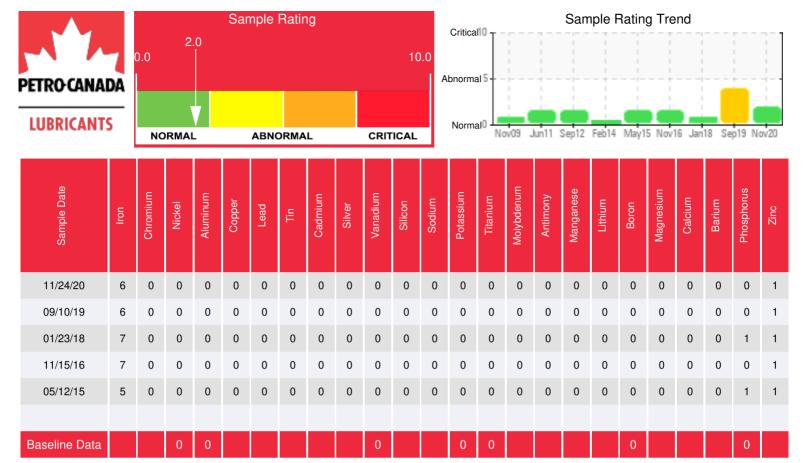
Matthias.Voss@petrocanadalsp.com

Recommendation: Clarify high acid number. All other parameters show, that fluid is fit for further use.

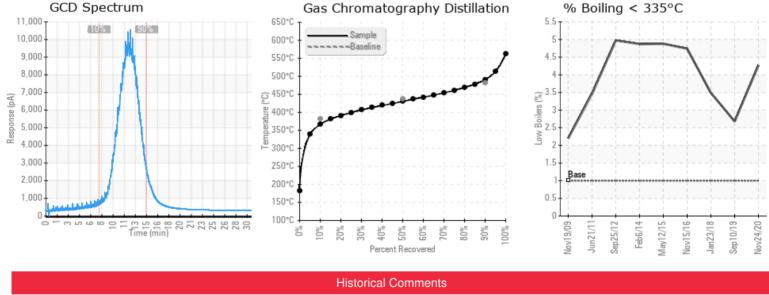
Comments: Acid Number (AN) is abnormally high. COC Flash Point is marginally low.







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



Historical Comments

Acid Number high linked to degradation of fluid. Likely to increase over time and affect condition of the oil. Marginal increase in viscosity noted which is in line. Recommend monitoring with view to change in case of fast deterioration. Acid Number (AN) is severely high. (GCD) 90% Distillation Point is marginally high.

COC Flash point low, but in line with previous samples. Viscosity has dropped as has FBP (considerably). Has the system been treated, vented, between samples (lower acid number, water and other GCD parameters coming back in line)? Recommend venting as light ends build up looks to be happening, sample again following to establish if COC heads upwards. Insolubles higher showing evidence of fluid breakdown so must consider oil change in near future as the combination of a number of parameters are falling outside acceptable limits. COC Flash Point is abnormally low.

Oil is fit for service. Suggest sample at next scheduled maintenance interval. COC Flash Point is abnormally low. (GCD) 90% Distillation Point is marginally high.

Oil appears to be in good condition and fit for further service. Sample at next scheduled maintenance interval. (GCD) 90% Distillation Point is marginally high.

COC Flash Point is marginally low.

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