

WANSON COMBI 1900

Customer: PTRHTF40035

GEBR HAKVOORT BV ZUIDOOSTRAK 2 FLEVOLAND

URK, FLE NETHERLANDS Attn: Maintenance Manager

Tel:

E-Mail: w.snyenr@klt.nl

System Information

System Volume: 1600 ltr

Bulk Operating Temp: 300F / 149C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

Sample Information

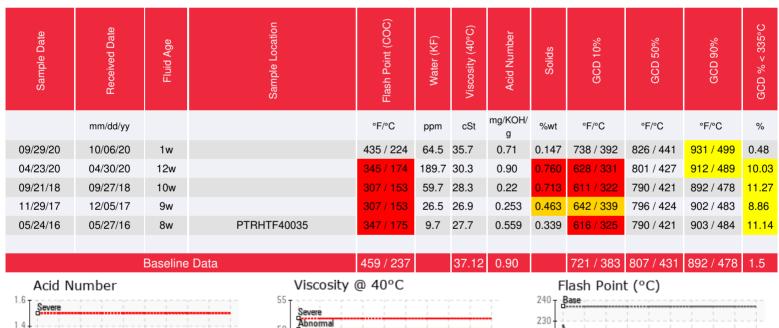
Lab No: 02379737 Analyst: Matthias Voss Sample Date: 09/29/20 Received Date: 10/06/20 Completed: 10/08/20

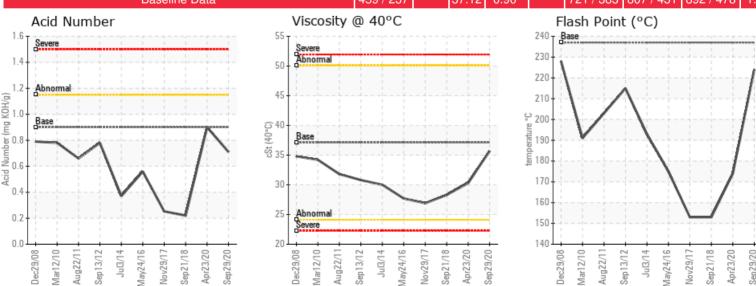
Matthias Voss

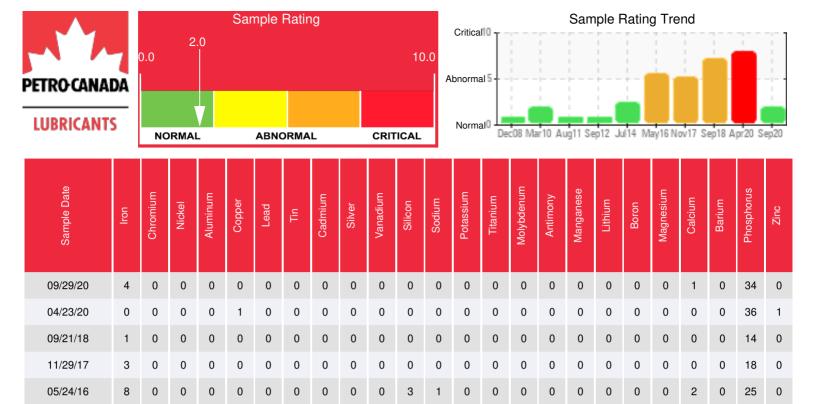
Matthias. Voss@petrocanadalsp.com

Recommendation: Fluid fit for further use. Send in sample at next scheduled interval.

Comments: (GCD) 90% Distillation Point is severely high.



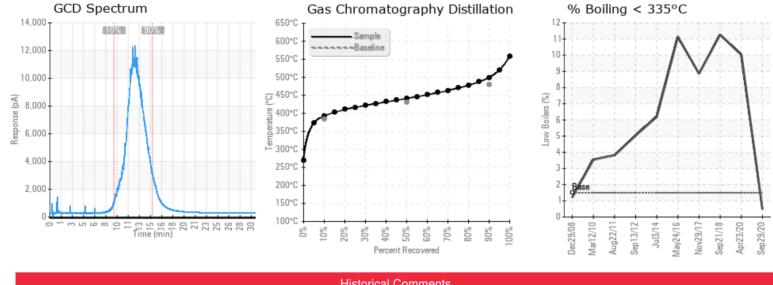




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

0

Baseline Data



nistorical Comments		
	04/23/20	Although Flash Pt (COC) and GCD have improved since the last analysis, recommendation to change oil remains. The overall sample rating has got worse, insoluble have increased and this supports further fluid degradation. GCD plot shows strong evidence of cracking Pentane Insolubles levels are severely high. (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is marginally high. (GCD) 90% Distillation Point is marginally high.
	09/21/18	Flash point off spec low again, sample rating and pentane insols both worse than previous year showing further fluid degradation. Recommend a fluid change at earliest opportunity Pentane Insolubles levels are severely high. (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is marginally high.
		Flash Point off spec very low, insoluble high showing fluid degradation. Recommend fluid change. Pentane Insolubles levels are abnormally high. COC Flash Point is severely low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.
		There are some low boilers present. Remove the low boilers if possible. Oil appears to be fit for further service. Suggest sample at next scheduled maintenance interval. (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is marginally high.

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