

## **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

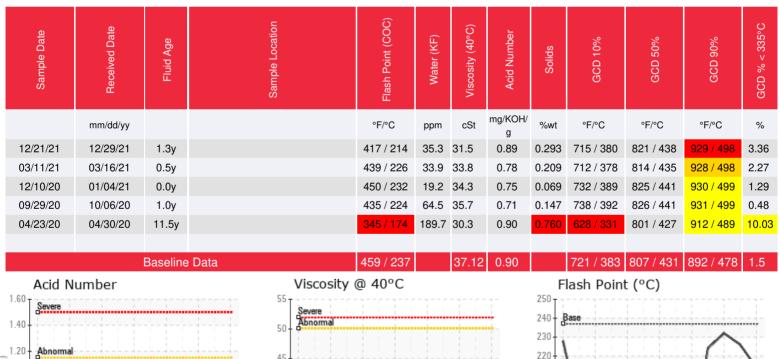
Lab No: 02464315 Analyst: Luis Rodriguez Sample Date: 12/21/21 Received Date: 12/29/21 Completed: 01/20/22

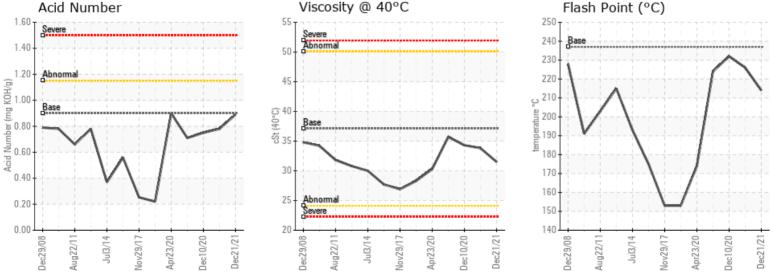
Luis Rodriguez

luis.rodriguez@hollyfrontier.com

Recommendation: Oil is fit for further use. Slowly raising low boilers and lower flash point could indicate early start of thermal cracking. GCD 90 high since the beginning of the last oil change but stable.

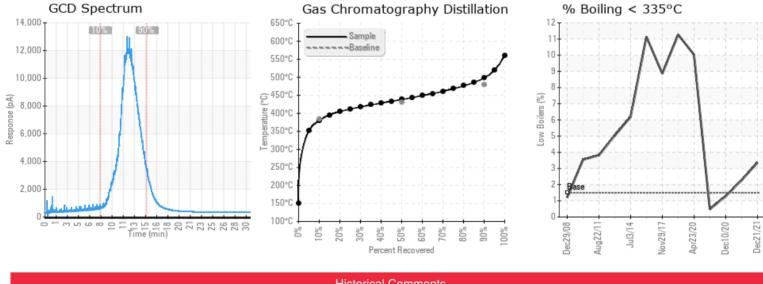
Comments: (GCD) 90% Distillation Point is severely high.







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



Historical Comments	
03/11/21	Oil is fit for further use. (GCD) 90% Distillation Point is abnormally high.
12/10/20	Fluid fit for further use. Send in sample at next scheduled interval. (GCD) 90% Distillation Point is severely high.
09/29/20	Fluid fit for further use. Send in sample at next scheduled interval. (GCD) 90% Distillation Point is severely high.
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.

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