

## **FERROLLI**

## Customer: PTRHTF40007

BONFAIT FARADAYWEG 2 OVERIJSSEL

DENEKAMP, OVE NETHERLANDS

Attn: Maintenance Manager

Tel: E-Mail:

## System Information

System Volume: 0 ltr

Bulk Operating Temp: 0F / -18C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

## Sample Information

Lab No: 02447941

Analyst: Bill Quesnel CLS,OMA II,MLA-

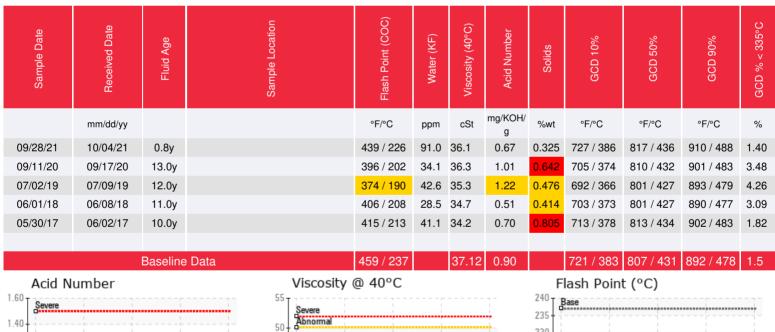
III,LLA-I

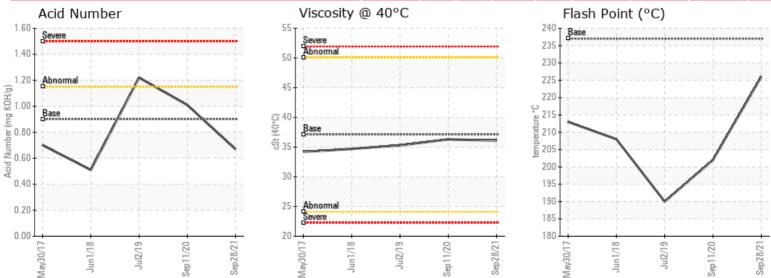
Sample Date: 09/28/21 Received Date: 10/04/21 Completed: 10/15/21

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

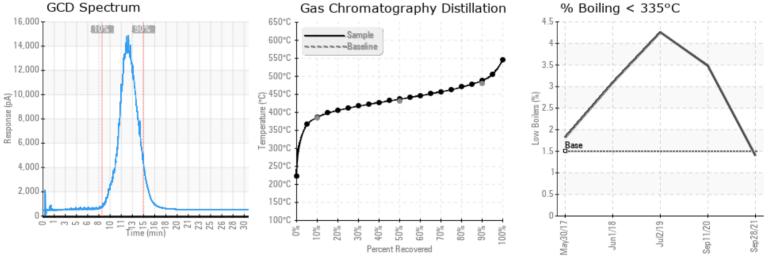
Recommendation: Fluid condition is acceptable. Advise investigate for source of calcium contamination in fluid. Resample at next normal interval to monitor (1 year).

Comments: Calcium ppm levels are severely high.









Historical Comments	
09/11/20	Oil appears to be fit for further use however we note that the insoluble are very high. If possible filter the insoluble out of the oil. Pentane Insolubles levels are severely high.
07/02/19	Pentane insols are higher than expected, likely linked to the high acid number and some early degradation. COC Flash Pt low and if system can be safely vented it may recover. If some form of filtration/conditioning can be safely employed may reduce the insols. Fit for further use but would expect further degradation over coming months, leading to a potential fluid change over time Pentane Insolubles levels are abnormally high. Acid Number (AN) is abnormally high. COC Flash Point is abnormally low.
06/01/18	All parameters within allowable limits, although Pentane Insols borderline, but improved from previous sample a year ago. Looks like water and insols been removed, has some maintenance and filtration occurred. FLuid fit for further use Pentane Insolubles levels are abnormally high.
05/30/17	Oil appears to be fit for further service however we note that the insoluble are very high. If possible filter the insoluble out of the oil. Pentane Insolubles levels are severely high.

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