

[THAILAND] CARGILL SUPPLY AND RETURN

Customer: PTRHTF60010

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

THAILAND

Attn: CHERNPORN CHOBKUI

Tel: 034421290

E-Mail: chernporn@synlube.co.th

System Information

System Volume: 11275 ltr

Bulk Operating Temp: 554F / 290C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

Sample Information

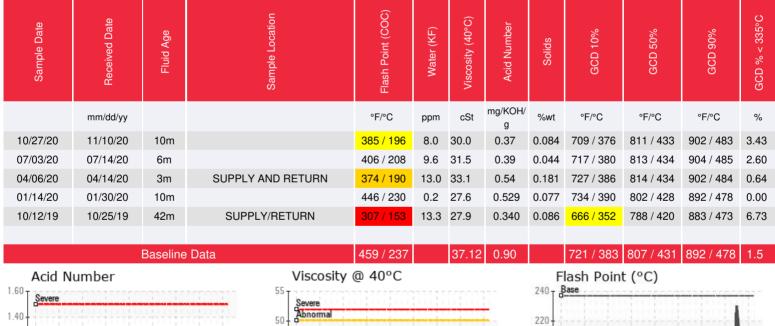
Lab No: 02386374 Analyst: Philip Riley Sample Date: 10/27/20 Received Date: 11/10/20 Completed: 11/13/20

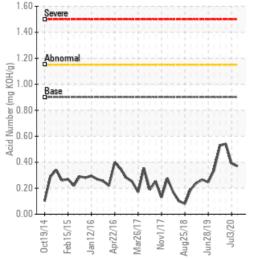
Philip Riley

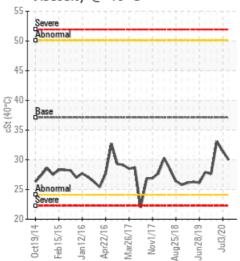
philip.riley@petrocanadalsp.com

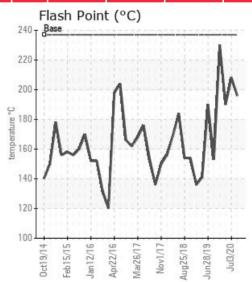
Recommendation: Flash Point marginally low and some evidence of light end fluid cracking that would create low boiling point products to explain that. If the system can be safely vented then please look to do this. All other parameters are as expected and fluid fit for further use. Please re-sample at normal frequency

Comments: COC Flash Point is marginally low.



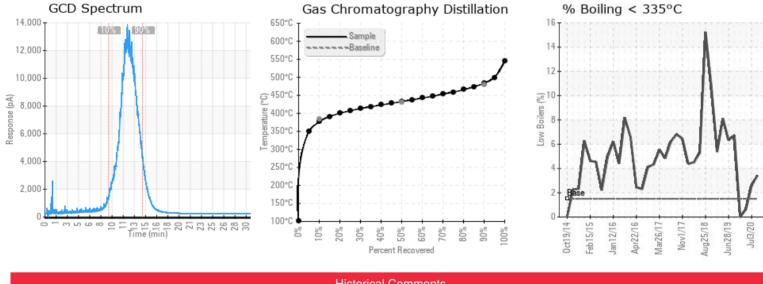








Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
07/03/20	Fluid meets all criteria as expected and fit for further use. Please sample again at normal frequency
04/06/20	All parameters test to specification with the exception of the COC Flash Pt which is marginally low. The fluid remains suitable for operation, but recommend safe venting if possible to remove the low boiling point molecules. Please re-sample after normal frequency COC Flash Point is abnormally low.
01/14/20	Oil tests to spec and all parameters as expected. Fit for further use and re-sample at normal frequency
10/12/19	Strong evidence of cracking indicated by the lowering viscosity and the low flash point. This looks to have been recovered in the past and if safe to do so the system must be vented. Distillation points remain mainly in line with fresh fluid. Please vent the system and take another sample to check how the system has recovered from removal of the light end molecules COC Flash Point is severely low. (GCD) 10% Distillation Point is marginally low.

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