

RELUTHERM RTAG-14

Customer: PTRHTF40043

MORA PRODUCTIE BV FREGATWEG 53 MAASTRICHT 6222NZ MAASTRICHT, 6222NZ Netherlands

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System Information

System Volume: 10000 ltr

Bulk Operating Temp: 275F / 135C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: RELUTHERM

Sample Information

Lab No: 02374691 Analyst: Matthias Voss Sample Date: 09/01/20 Received Date: 09/09/20 Completed: 09/11/20

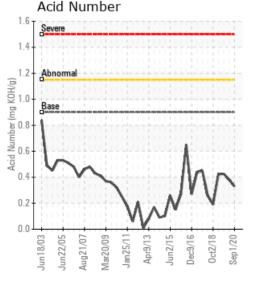
Matthias Voss

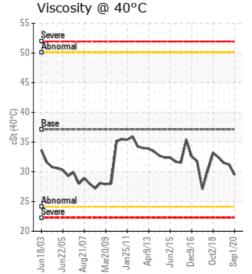
Matthias.Voss@petrocanadalsp.com

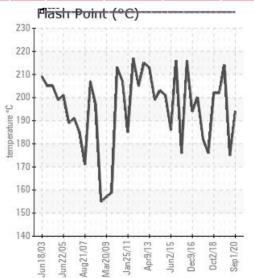
Recommendation: Product within normal working limits and fit for further use. Please sample at next designated interval

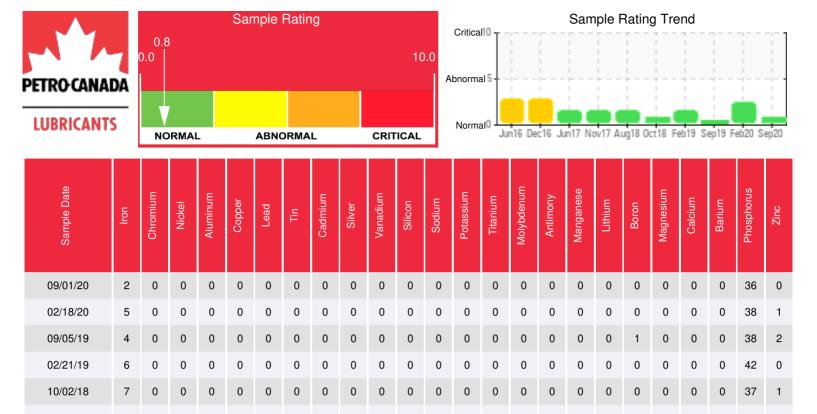
Comments: COC Flash Point is marginally low.







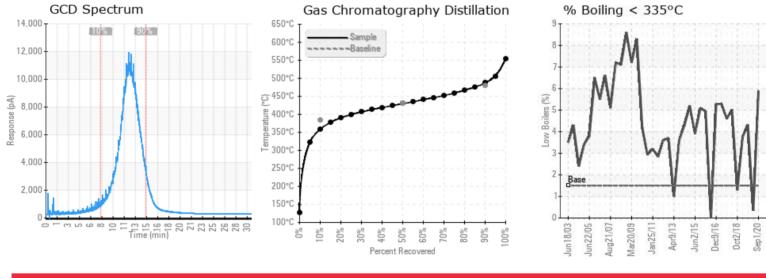




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

0

Baseline Data



Historical Comments	
02/18/20	COC Flash Point has dropped out of acceptable limits low. If the fluid can be safely vented to recover (looks to have been done before). System temp is 275F (or 135C) which remains below the current flash point of the fluid but should still look to recover COC Flash Point is severely low. (GCD) 90% Distillation Point is abnormally high. (GCD) % < 335°C measurement of 0.35% too low, as flash point indicates much higher content of light molecules.
09/05/19	Product within normal working limits and fit for further use. Please sample at next designated interval
02/21/19	FLuid marginally low on flash point but in line with previous samples. Fluid fit for further use (GCD) 90% Distillation Point is marginally high. COC Flash Point is marginally low.
10/02/18	Looks to have undergone some system/fluid maintenance since last sample 12 months ago. The fluid has recovered but could still benefit a little venting to drive off any light ends. Evidence of some fluid cracking on the trace but with correct venting, if safe to do so, COC Flash point should further recover. COC Flash Point is marginally low.

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