





RELUTHERM

Customer: PTRHTF40056

SOFINE FOODS BV SPERWERWEG 7 LANDGRAAF 6374AG

LANDGRAAF, 6374AG Netherlands

Attn: WILBERT SNIJERS

Tel:

E-Mail: w.snijers@klt.nl

System Information

System Volume: 1400 ltr

Bulk Operating Temp: 265F / 129C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: RELUTHERM

Sample Information

Lab No: 02516481

Analyst: Bill Quesnel CLS, OMA II, MLA-

III,LLA-I

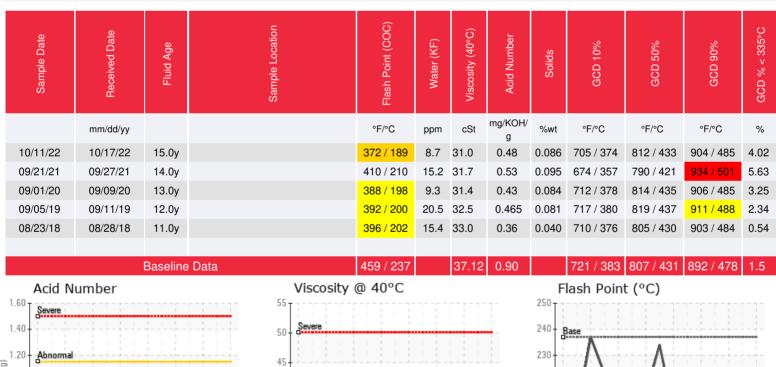
Sample Date: 10/11/22 Received Date: 10/17/22 Completed: 10/19/22

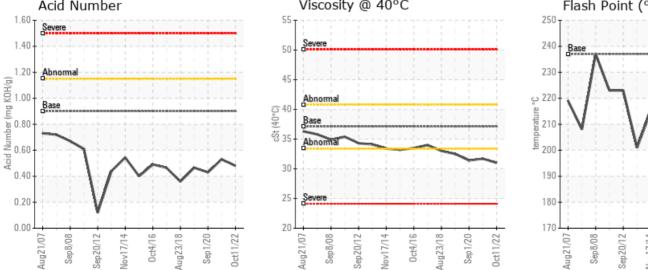
Bill Quesnel CLS, OMA II, MLA-III, LLA-I

Recommendation: COC Flash Point is low, consider venting the expansion tank. All other parameters within expected limits.

Check required at normal period.

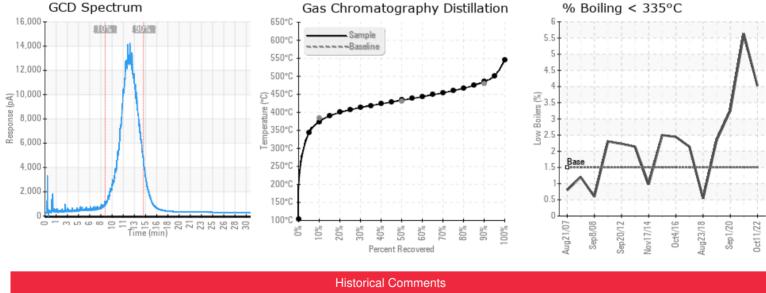
Comments: COC Flash Point is marginally low.







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



Historical Comments	
09/21/21	Increase of low boilers compared to the previous samples and GC also shows increase of heavier molecules indicating start of thermal cracking. All other parameters are in a normal range and oil is fit for further use. If low boilers continue to raise prepare to take actions. (GCD) 90% Distillation Point is severely high.
09/01/20	Marginally low COC Flash Point, but hasn't changed from previous samples. All other parameters within expected limits. Check required at normal period. COC Flash Point is marginally low.
09/05/19	COC creeping downwards but no step change from last sample and little evidence on the GC of light molecules present. Re-sample at normal frequency (GCD) 90% Distillation Point is marginally high. COC Flash Point is marginally low.
08/23/18	Marginally low COC Flash Point which has trended slightly downwards over previous annual samples. All other parameters within expected limits. Check required at normal period and be prepared to take action if the COC Flash Pt slips further COC Flash Point is marginally low.

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.