

## RELUTHERM

## Customer: PTRHTF40056

SOFINE FOODS BV SPERWERWEG 7 LANDGRAAF 6374AG

LANDGRAAF, 6374AG Netherlands

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## 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

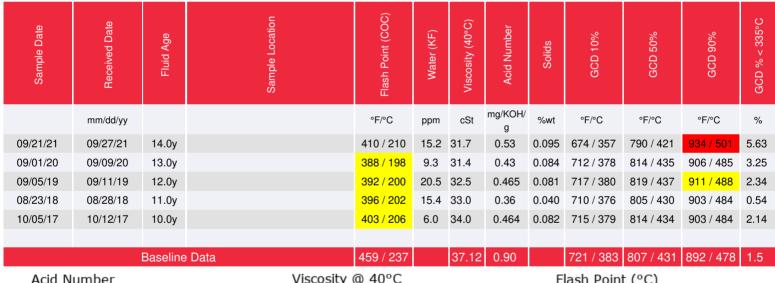
Lab No: 02446372 Analyst: Luis Rodriguez Sample Date: 09/21/21 Received Date: 09/27/21 Completed: 10/15/21

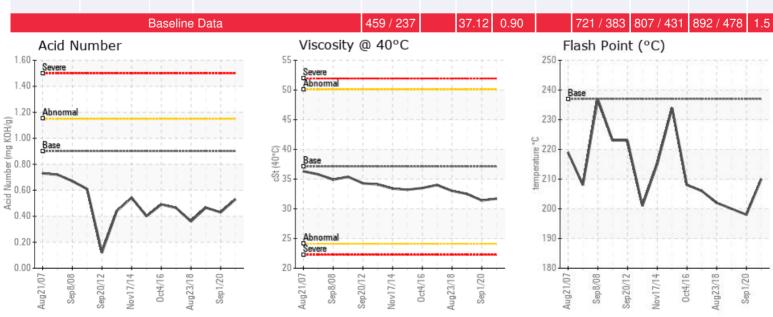
Luis Rodriguez

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Recommendation: 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.

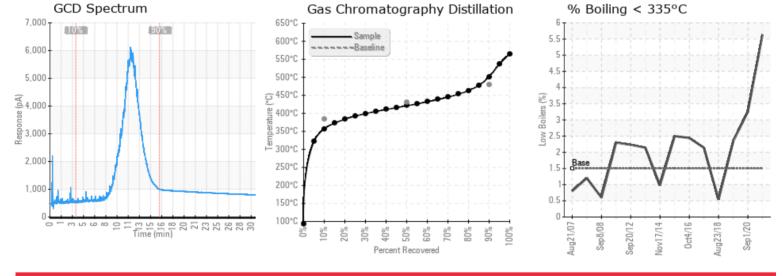
Comments: (GCD) 90% Distillation Point is severely high.







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



Historical Comments	
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.
10/05/17	COC slightly down and highlighted as caution. Small top up would elevate to spec. All other parameters look OK COC Flash Point is marginally low.

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