

PLANT 111

Customer: PTRHTF10017

LAKESIDE INDUSTRIES 955 SW ARMCO STREET HILLSBORO, OR 97124 USA

Attn: BILL DEMPSEY Tel: (425)313-2600

E-Mail: billd@lakesideind.com

System Information

System Volume: 330 gal

Bulk Operating Temp: 340F / 171C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HIWAY HEAT

Sample Information

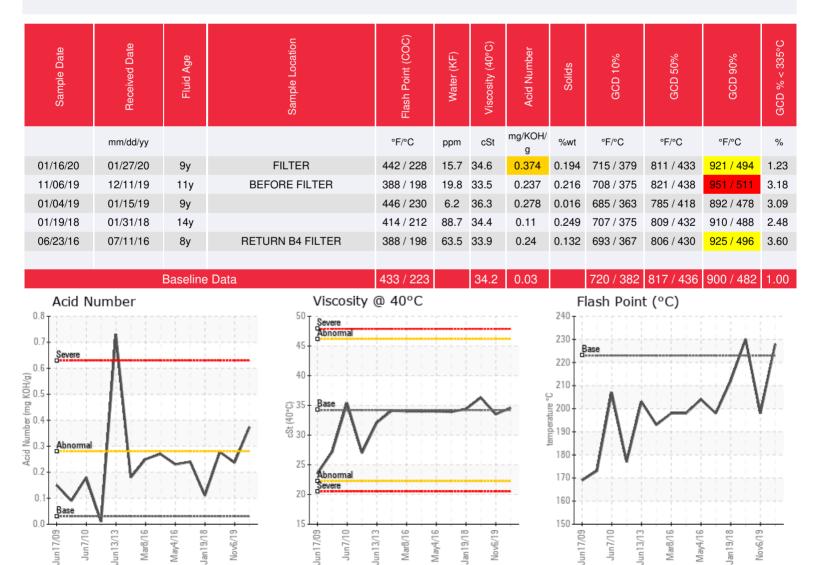
Lab No: 02334025 Analyst: Ron LeBlanc Sample Date: 01/16/20 Received Date: 01/27/20 Completed: 02/04/20

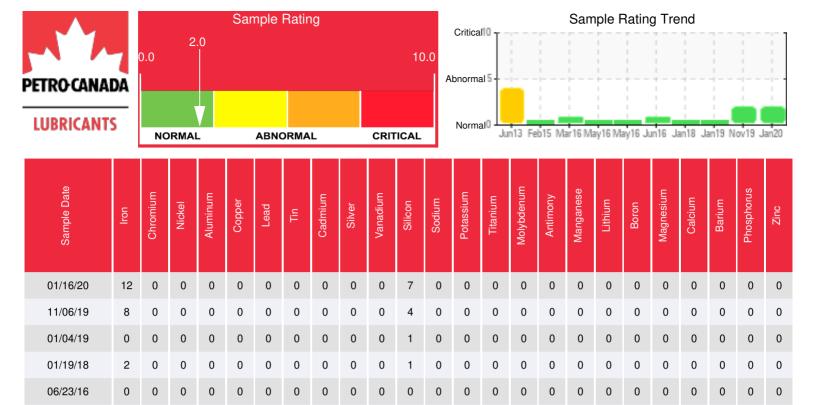
Ron LeBlanc

Ronald.LeBlancSr@petrocanadalsp.com

Recommendation: (GCD) 90% Distillation Point is marginally high in this latest sample and it has lowered from previous sample. The Acid Number is elevated. The age of the oil should be reported. Adding some fresh oil can lower the AN.

Comments: Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is marginally high.

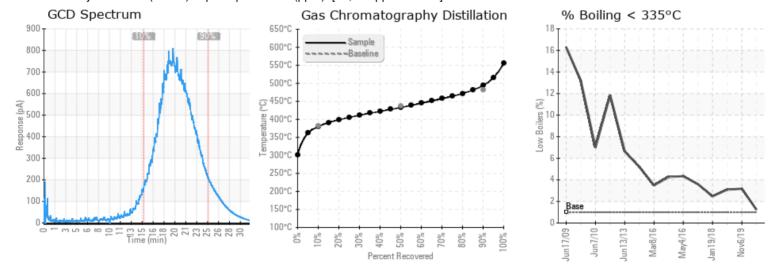




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

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Baseline Data



Historical Comments	
11/06/19	(GCD) 90% Distillation Point is severely high. It is the only indicator that is off spec in the sample. I would suggest re-sample. Purge oil before collecting the sample from sample point. (GCD) 90% Distillation Point is severely high.
01/04/19	Sample has elevated sulfur. Suggest sampling again in 1 month to see if a sample draw impacted quality of sample. The sample looks normal except the sulfur content.
01/19/18	Sample appearsnormal . Resample in 2 months.
06/23/16	Sample appears normal. Resample in 2 months. (GCD) 90% Distillation Point is marginally high.

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