





250/500 HOT OIL VESSEL

Customer: PTRHTF10039

Piedmont Chemical Industries 331 BURTON AVE.

HIGH POINT, NC 27261 USA

Attn: GEORGE WETTE

Tel: (336)885-5131

E-Mail:

System Information

System Volume: 250 gal

Bulk Operating Temp: 554F / 290C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make:

Sample Information

Lab No: 02220416 Analyst: Manny Garcia Sample Date: 05/23/18 Received Date: 06/05/18 Completed: 06/08/18

To discuss this report contact Manny

Garcia at 954-384-7259

Recommendation: Fluid is suitable for continued use. Please submit the next sample in May, 2019

Comments: Pentane Insolubles levels are severely high. Very light debris seen by the chemist. Filtering the fluid and/or changing any system filters is recommended during a safe timeframe.



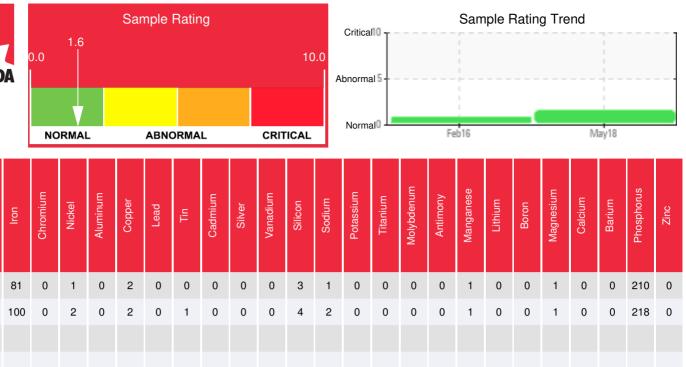


Sample Date

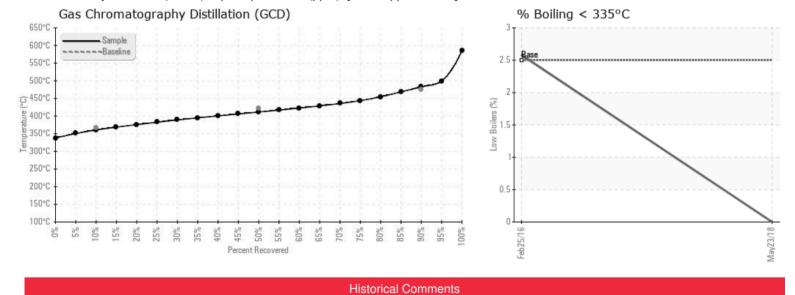
05/23/18

02/25/16

Baseline Data



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



Oil condition is very good after 10 years of Operation. Recommend the fluid be run thru appx 5-10 micron filtration during next opportunity (shut-down) to clean up

the solids/metals/debris in the fluid. Continue UseWear Metals are low; Contaminants are low; Additives are satisfactory; Water is nil; Total Acid number is low; Viscosity is very good; Flash Point is good; Distillation points are acceptable at all levels; pentane solids are high; White Metal and debris visible/light in the sample

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