

## [G-1532] FB1530 HOT OIL

## Customer: PTRHTF10083

KAO SPECIALTIES AMERICAS LLC 243 WOODBINE ST/PO BOX 2316 HIGH POINT, NC 27260 USA

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## System Information

System Volume: 7000 gal

Bulk Operating Temp: 560F / 293C

**Heating Source:** 

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make:

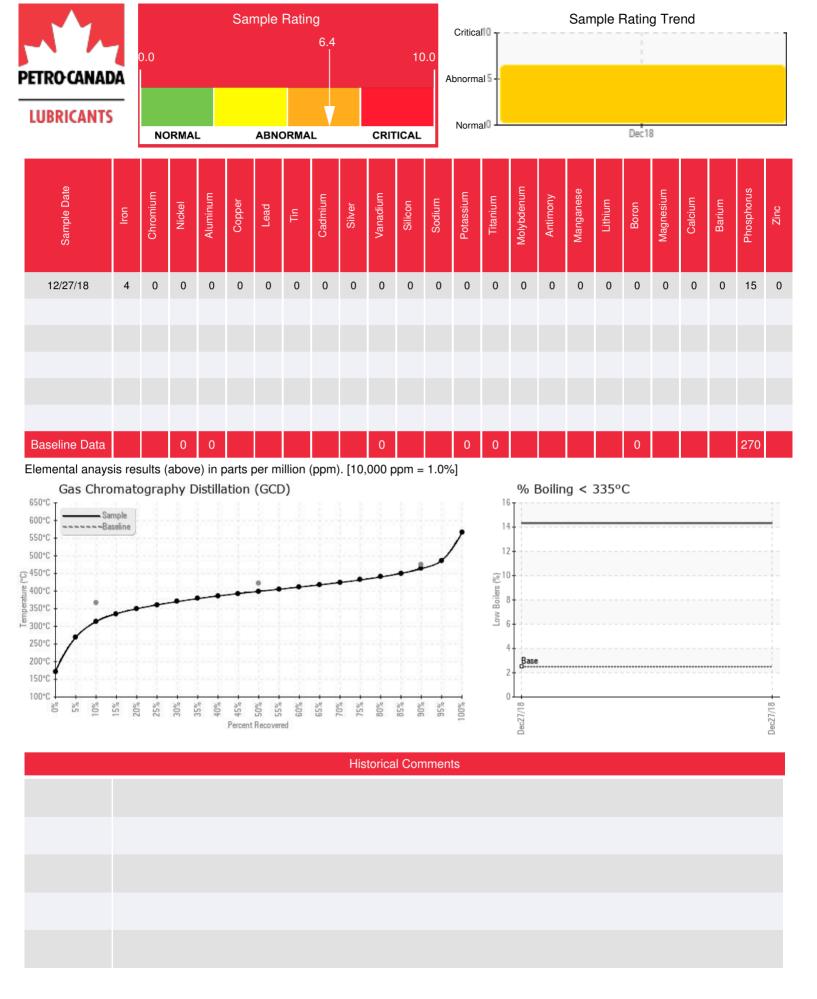
## Sample Information

Lab No: 02261309 Analyst: Manny Garcia Sample Date: 12/27/18 Received Date: 01/10/19 Completed: 01/18/19

Recommendation: Normally 'venting' the system may get the distillation points in line and possibly increase the COC Flash Point, but in this case the oil should be considered for change-out because it has very poor parameters in many critical areas. Please include the age of the fluid and the age of the component during the next annual sample submission.

Comments: (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low by a total of 73oC (163oF) and at very dangerous levels = 161oC (321oF). (GCD) % < 335°C is abnormally high. (GCD) 90% Distillation Point is marginally low. The viscosity of the fluid is 1 ISO grade lower at an ISO 22 instead of the formulated ISO 32. Fluid has light debris and white metal. Fluid Flash Point is at a dangerously low 73oC (163oF) levels.





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