

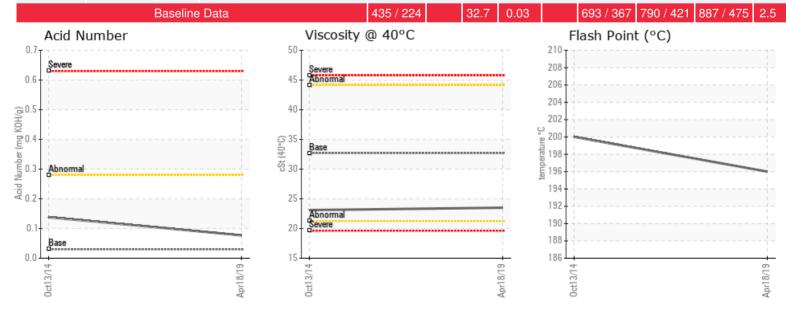
## **PF02MANIFOLD**

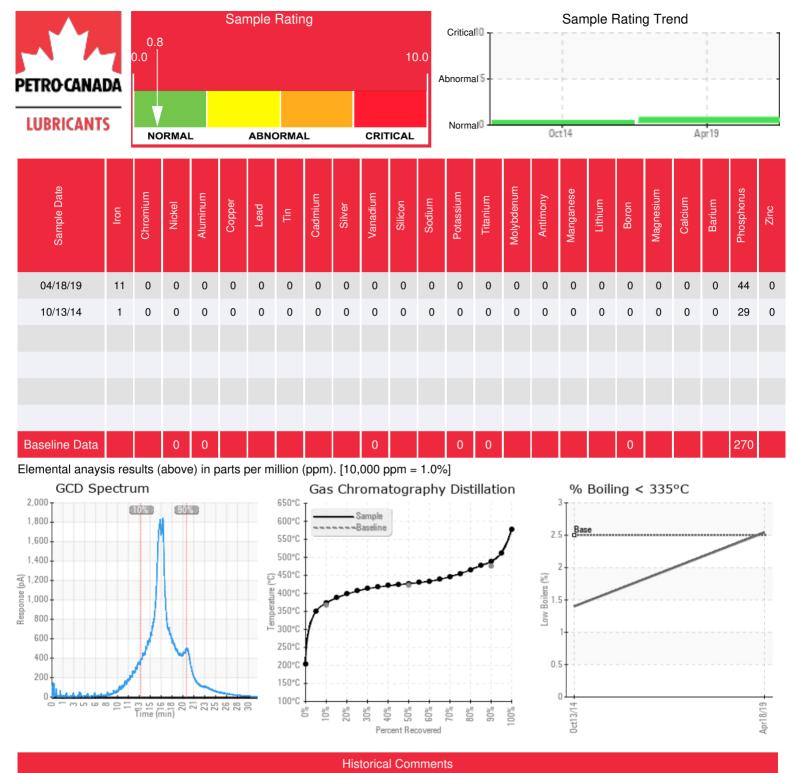
Customer: PTRHTF10057	System Information	Sample Information			
PROPEX RINGGOLD PLANT	System Volume: 100 gal	Lab No: 02285040			
428 ROLLINS INDUSTRIAL BLVD	Bulk Operating Temp: 400F / 204C	Analyst: Jake Finn			
RINGGOLD, GA 30736 USA	Heating Source:	Sample Date: 04/18/19			
Attn: STEWART DOMAINGUE	Blanket:	Received Date: 05/14/19			
Tel: (423)553-3843	Fluid: PETRO CANADA CALFLO AF	Completed: 05/22/19			
E-Mail:	Make:				
stewart.domaingue@propexglobal.com					

Recommendation: Oil is suitable for continued use, please re-submit sample in 1 year. Changing any system filters or kidney-loop filtering the fluid during any shutdown periods will remove any 'light debris' as seen by the lab. Please remember to include hours of use on oil and age of hot oil system when submitting samples for testing.

Comments: (GCD) 90% Distillation Point is marginally high. Light to Moderate debris is noted in lab comments. (GCD) 90% Distillation Point is marginally high.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
04/18/19	05/14/19	0c		385 / 196	22.9	23.5	0.077	0.073	703 / 373	800 / 427	910 / 488	2.54
10/13/14	10/23/14	0c	RETURN LINE	392 / 200	19.0	23.1	0.138	0.104	693 / 367	799 / 426	910 / 488	1.40





10/13/14
The oil is suitable for further use, no alarming result or trend to report. Please try to sample every year to monitor fluid condition and plan proper oil change frequency rather than running an overextended fluid and being faced with a costly system cleaning and flushing. (GCD) 90% Distillation Point is marginally high.

10/13/14
Image: Comparison of the c

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