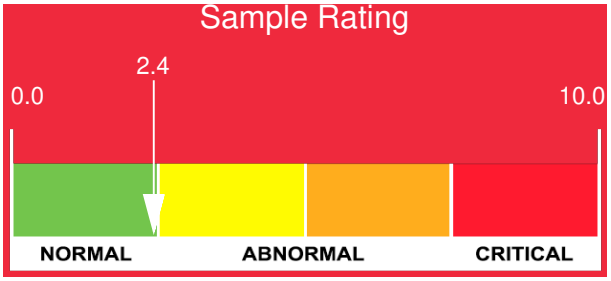
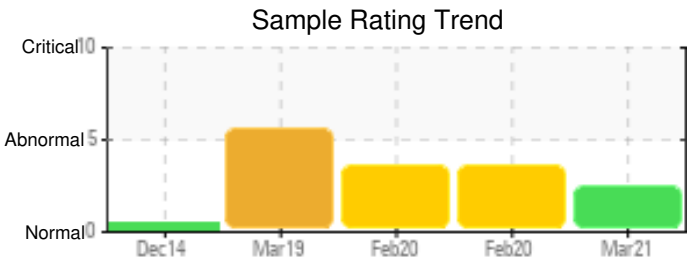




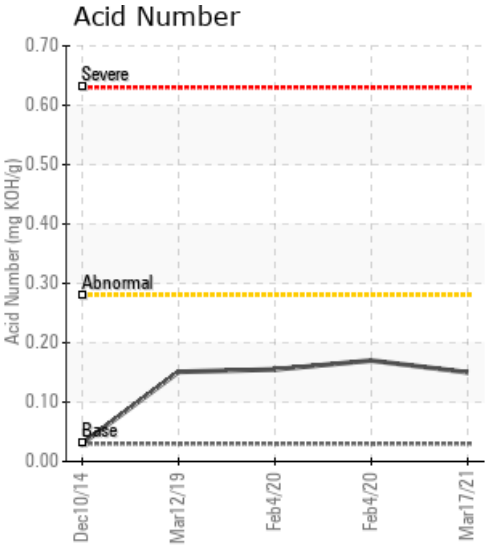
RF04 GODET 1A&1B OIL BOILER

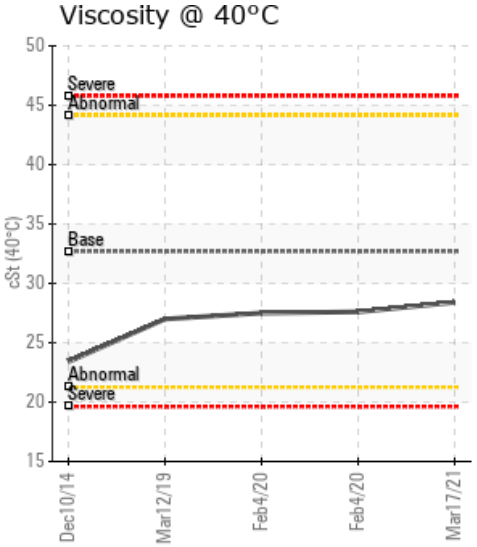
Customer: PTRHTF10057	System Information	Sample Information
PROPEX RINGGOLD PLANT 428 ROLLINS INDUSTRIAL BLVD RINGGOLD, GA 30736 USA Attn: MITCH HELTON Tel: (423)553-3723 E-Mail: MITCH.HELTON@PROPEXGLOBAL.COM	System Volume: 30 gal Bulk Operating Temp: 400F / 204C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02413410 Analyst: Jake Finn Sample Date: 03/17/21 Received Date: 04/06/21 Completed: 04/19/21 Jake Finn jake.finn@hollyfrontier.com

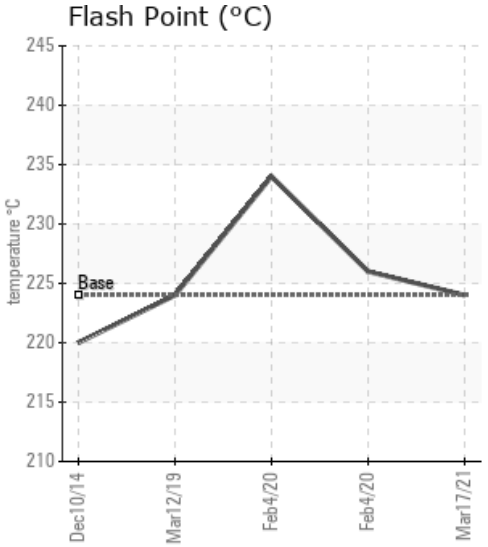
Recommendation: Silicon levels are reported as abnormally high, but are unchanged compared to the previous sample in 2020. Fluid is otherwise suitable for continued use. Please resubmit for testing in one year.

Comments: Silicon ppm levels are abnormally high. (GCD) 90% Distillation Point is abnormally high.

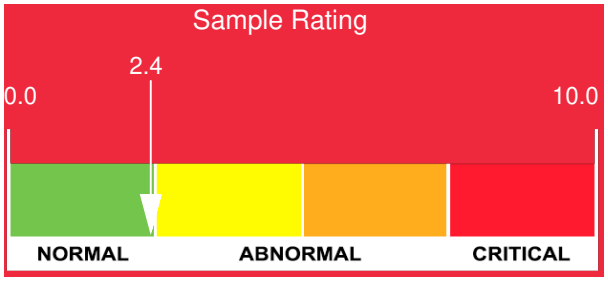
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
03/17/21	04/06/21	0.0h		435 / 224	12.4	28.4	0.15	0.053	706 / 374	798 / 426	917 / 491	1.32
02/04/20	02/21/20	0.0h		439 / 226	1.8	27.6	0.170	0.181	711 / 377	795 / 424	892 / 478	0.00
02/04/20	02/21/20	0.0h		453 / 234	1.0	27.5	0.155	0.055	710 / 377	816 / 436	915 / 490	1.19
03/12/19	03/27/19	0.0h		435 / 224	653.9	27.0	0.151	0.022	701 / 372	795 / 424	892 / 478	1.98
12/10/14	01/07/15	0.0h		428 / 220	26.9	23.4	0.03	0.047	717 / 381	806 / 430	895 / 480	0.42
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5

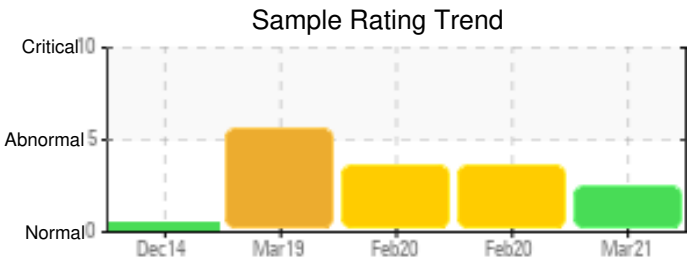






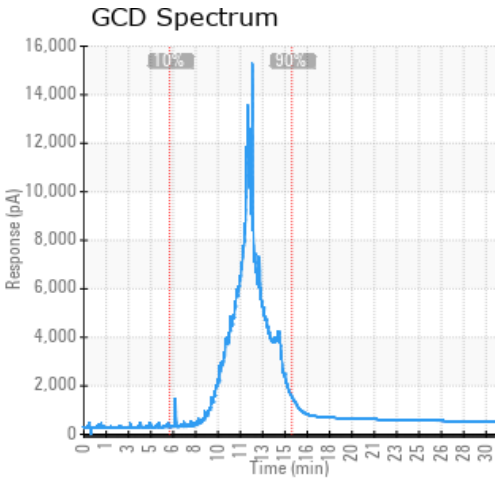
PETRO-CANADA LUBRICANTS

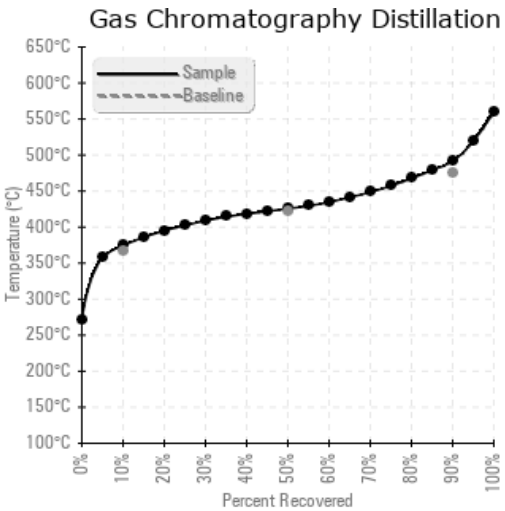


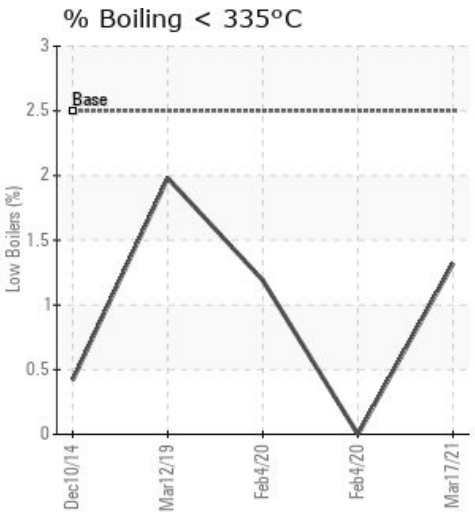


Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
03/17/21	10	0	0	0	3	0	1	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	138	2
02/04/20	80	0	0	0	39	0	3	0	0	0	28	0	1	0	0	0	1	4	0	0	0	0	145	4
02/04/20	28	0	0	0	8	0	2	0	0	0	28	0	0	0	0	0	0	1	0	0	0	0	140	2
03/12/19	11	0	0	0	4	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	165	1
12/10/14	12	0	0	0	5	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	145	1
Baseline Data			0	0						0			0	0					0				270	

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







Historical Comments

02/04/20	Copper ppm has increased and silicon levels have not decreased from previous sample. Check to make sure filters are in good working order and replace if needed. Fluid is otherwise suitable for continued use. Please resubmit for testing in one year.Silicon ppm levels are abnormally high. Copper ppm levels are abnormal. Lite white metal and debris noted by lab.
02/04/20	Iron and copper levels have improved since last sample. Fluid is suitable for continued use, please resubmit for testing in one year. Light white metal and debris noted by lab.
03/12/19	Please maintain 400°F bulk fluid temperature to remove moisture in the system. Changing any system filters or kidney-loop filtering the fluid during any shutdown periods will remove any 'light debris' as seen by the lab. Oil is otherwise suitable for continued use. Please re-submit sample in 1 year.Water contamination levels are abnormally high. Viscosity has improved to 27.0 cSt @ 40°C. Please remember to include hours of use on oil and age of hot oil system when submitting samples for testing. Water contamination levels are abnormally high. ppm Water contamination levels are abnormally high.
12/10/14	