

# [KEYERA BRAZEAU RIVER GAS PLANT / 3-12-46-14W5] PLANT 1

## Customer: PTRHTF30084

Keyera Partnership Brazeau River Ga...

Box 7318

Drayton Valley, AB T7A 1S5 CA

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### System Information

System Volume: 14000 ltr

Bulk Operating Temp: 446F / 230C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: IAP HEATER

#### Sample Information

Lab No: 02639528 Analyst: Lyle Dach Sample Date: 05/26/24 Received Date: 06/03/24 Completed: 06/10/24

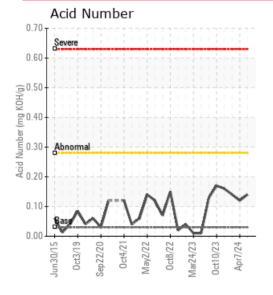
Lyle Dach

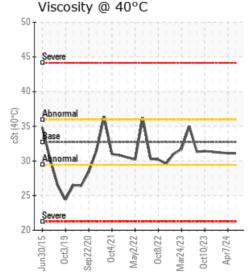
lyle.dach@HFSinclair.com

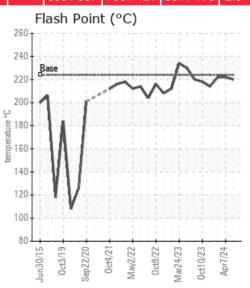
Recommendation: Sample results indicate that the fluid is in good condition and is suitable for continued service. Resample in 12 months.

#### Comments:

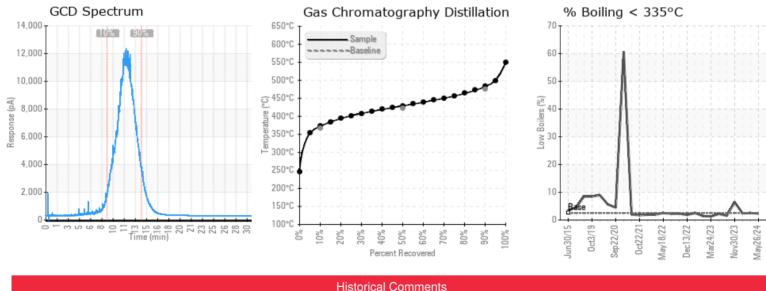
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
05/26/24	06/03/24	48.0m	PUMP DISCHARGE	428 / 220	10	31.1	0.14	0.056	702 / 372	804 / 429	901 / 483	2.29
04/07/24	04/10/24	36.0m		432 / 222	25	31.1	0.12	0.053	690 / 366	786 / 419	895 / 479	2.50
02/03/24	02/13/24	36.0m		432 / 222	32	31.2	0.14	0.042	702 / 372	803 / 428	899 / 482	2.38
11/30/23	12/08/23	0.0m	HOH #1 pump	417 / 214	45	31.3	0.16	0.041	666 / 352	784 / 418	916 / 491	6.45
10/10/23	10/11/23	0.0m		424 / 218	22.1	31.4	0.17	0.136	706 / 374	805 / 429	901 / 483	1.50
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5











Historical Comments							
04/07/24	Sample results indicate that the fluid is in suitable condition for continued service. Resample in 12 months.						
02/03/24	Sample results indicate that the fluid is in suitable condition for continued service. Resample in 12 months.						
11/30/23	Sample results indicate that the fluid is in suitable condition for continued service. 90% distillation point is slightly elevated, confirm blanket gas is functioning properly as fluid oxidizing could cause the increase. Resample in 12 months. (GCD) 90% Distillation Point is abnormally high.						
10/10/23	Sample results indicate that the fluid is in suitable condition for continued service. Resample in 12 months.						

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