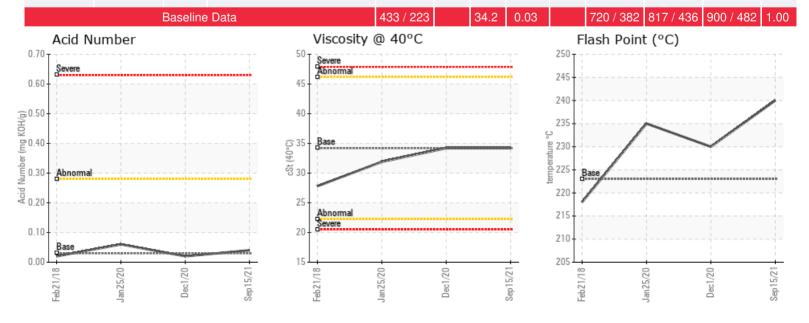


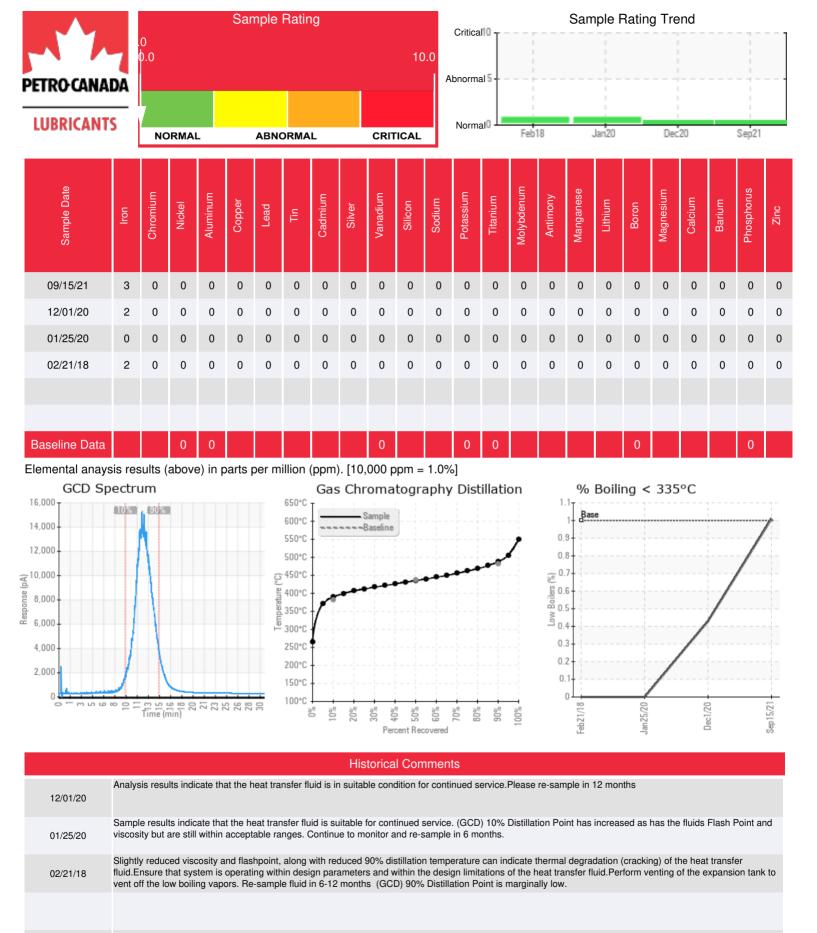
E-Mail: eweaver@nvaenergy.com Make: ALCO Clinton Buhler Clinton.Buhler@hollyfrontier.com Recommendation: Sample results indicate that the fluid is in suitable condition for continued service.Please re-sample in 12

Comments:

months

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	%
09/15/21	10/26/21	0.0y	return loop	464 / 240	7.2	34.2	0.04	0.037	732 / 389	815 / 435	909 / 487	1.01
12/01/20	01/14/21	6.0y	PUMP DISCHARGE	446 / 230	15.3	34.2	0.02	0.066	733 / 390	816 / 436	910 / 488	0.43
01/25/20	02/04/20	2.0y	RETURN LOOP	455 / 235	9.9	31.9	0.060	0.097	770 / 410	817 / 436	888 / 476	0.00
02/21/18	02/27/18	2.0y		424 / 218	0.00	27.8	0.020	0.052	738 / 392	790 / 421	880 / 471	0.00





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