

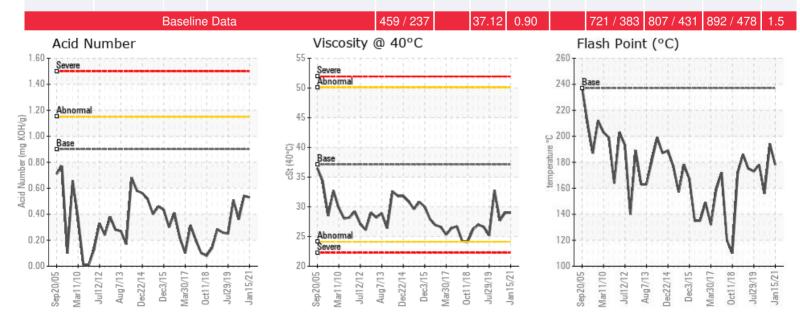
## [VIT E 116] EAST

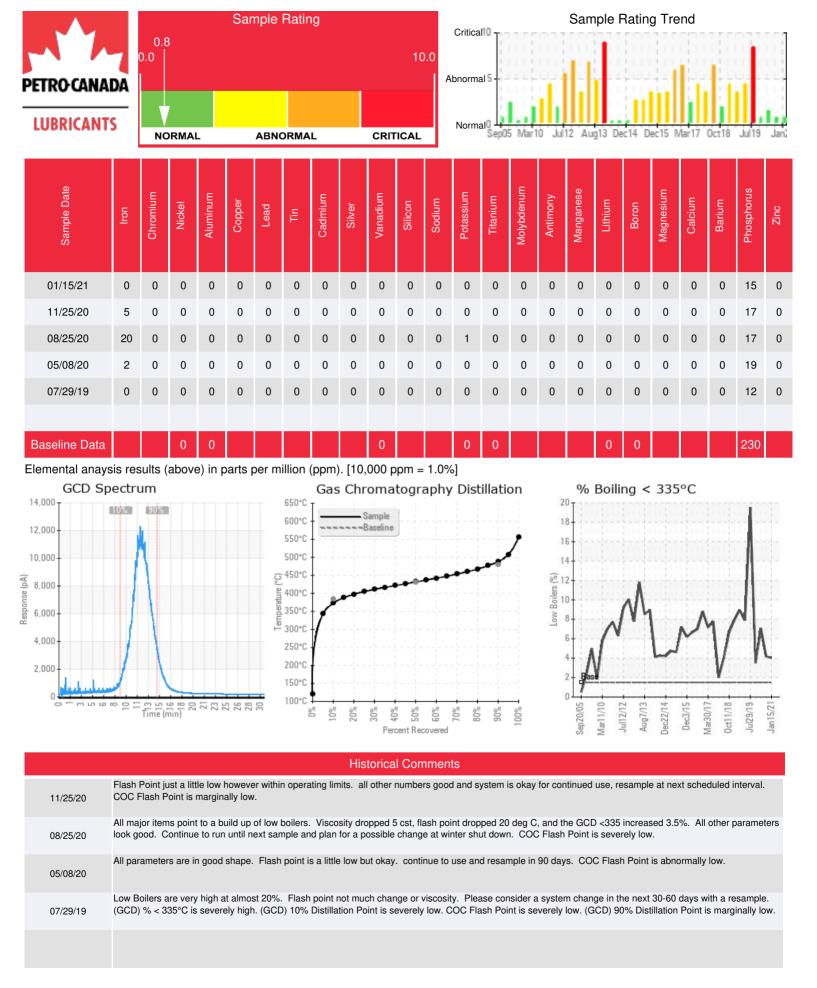
Customer: PTRHTF10004	System Information	Sample Information
ADM VITAMIN E PLANT	System Volume: 2200 gal	Lab No: 02399862
3700 EAST DIVISION STREET	Bulk Operating Temp: 550F / 288C	Analyst: Joe Goecke
DECATUR, IL 62526 USA	Heating Source:	Sample Date: 01/15/21
Attn: Rick Cluck	Blanket:	Received Date: 01/26/21
Tel: (217)451-7770	Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID	Completed: 02/08/21
E-Mail: ricky.cluck@adm.com	Make: AMERICAN HEATING	Joe Goecke
		Joe.goecke@hollyfrontier.com

Recommendation: Sample continues to run well. Slight drop in flash point but low boilers and viscosity staying consistent so oil is not degrading much. Continue to use oil as normal and resample at next scheduled interval.

Comments: COC Flash Point is abnormally low.

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	%
01/15/21	01/26/21	0m		352 / 178	5.4	29.0	0.53	0.054	703 / 373	808 / 431	910 / 488	4.02
11/25/20	12/08/20	0m	Pump	381 / 194	10.4	29.0	0.54	0.112	702 / 372	809 / 432	910 / 488	4.17
08/25/20	09/03/20	0m	FILTER	313 / 156	19.2	27.7	0.36	0.032	667 / 353	803 / 428	909 / 487	7.07
05/08/20	05/13/20	0m		352 / 178	22.4	32.8	0.51	0.040	707 / 375	810 / 432	910 / 488	3.52
07/29/19	08/08/19	0m	HOT OIL PUMP	343 / 173	12.5	25.2	0.250	0.087	463 / 240	754 / 401	872 / 467	19.51





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