

TPC 1500

Customer: PTRHTF40049

PLUSFOOD BV HOUTWAL 30 OOSTERWOLDE 8431EX OOSTERWOLDE, 8431EX Netherlands

frequency if actions can be taken to recover

Tel:

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Attn: WILBERT SNIJERS

System Information

System Volume: 0 gal Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make:

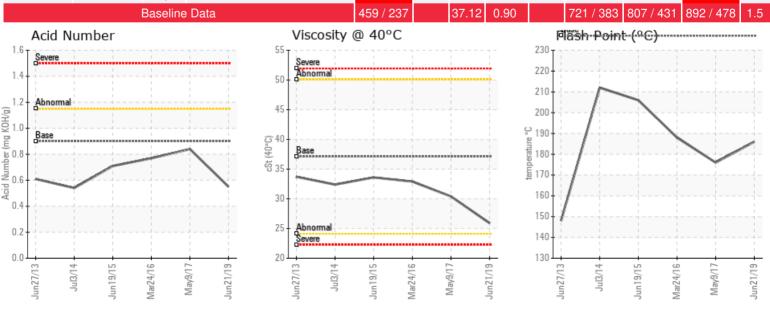
Sample Information

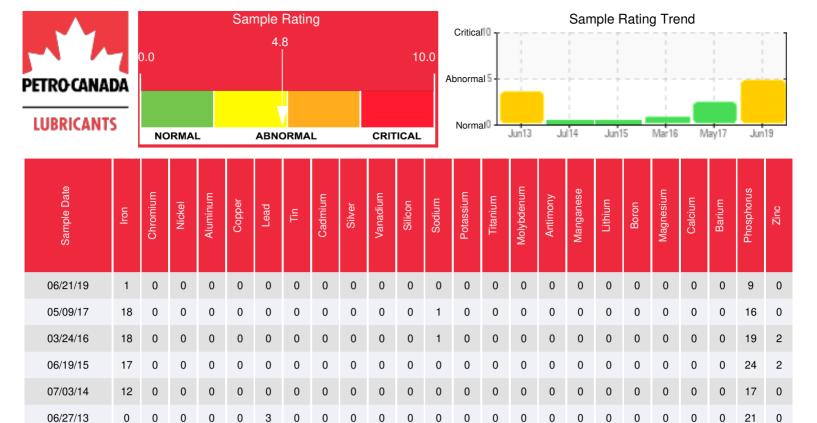
Lab No: 02294631 Analyst: Philip Riley Sample Date: 06/21/19 Received Date: 07/02/19 Completed: 07/18/19

Recommendation: Downward trend in viscosity and lowering of flash pt and distillation 10% temperature. Try and vent if possible to do so safely and recover the distillation 10% and other low end values. Other parameters within limits. Re-sample at normal

Comments: (GCD) 10% Distillation Point is severely low. COC Flash Point is abnormally low. (GCD) % < 335°C is marginally high.

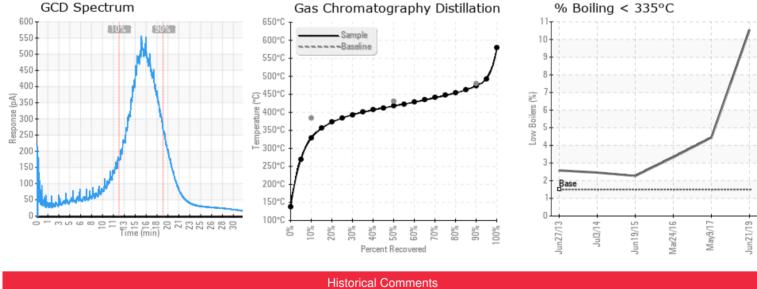
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C	
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%	
06/21/19	07/02/19	8y		367 / 186	22.0	25.9	0.550	0.071	622 / 328	783 / 417	884 / 473	10.54	
05/09/17	05/12/17	6y		349 / 176	24.3	30.4	0.840	0.060	688 / 364	805 / 430	924 / 495	4.44	
03/24/16	04/01/16	5у	PTRHTF40049	370 / 188	10.1	32.9	0.769	0.061	697 / 370	807 / 431	891 / 477	3.33	
06/19/15	06/25/15	4y		403 / 206	26.8	33.6	0.71	0.023	708 / 376	812 / 433	905 / 485	2.27	
07/03/14	07/11/14	Зу		414 / 212	5.3	32.4	0.54	0.083	705 / 374	808 / 431	893 / 479	2.46	
06/27/13	08/20/13	2y		298 / 148	48.4	33.7	0.61	0.086	708 / 376	811 / 433	890 / 477	2.58	
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5	
Acid N	lumbor	Viscosity @ 40°C					間ech Daint (0C)						





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

Baseline Data



Historical Comments						
05/09/17	Oil appears to be fit for further service, suggest sample at next scheduled maintenance interval. COC Flash Point is severely low. (GCD) 90% Distillation Point is abnormally high.					
03/24/16	Oil appears to be in good condition and fit for further service. Recommend sample at next scheduled maintenance interval. COC Flash Point is abnormally low.					
06/19/15	Oil appears to be in good condition and fit for further service. Sample at next scheduled maintenance interval.					
07/03/14	Oil appears to be in good condition. Sample at next scheduled maintenance interval.					
06/27/13	Sample suggests that the oil is fit for further service. (GCD) 90% Distillation Point is severely low. COC Flash Point is severely low.					

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