

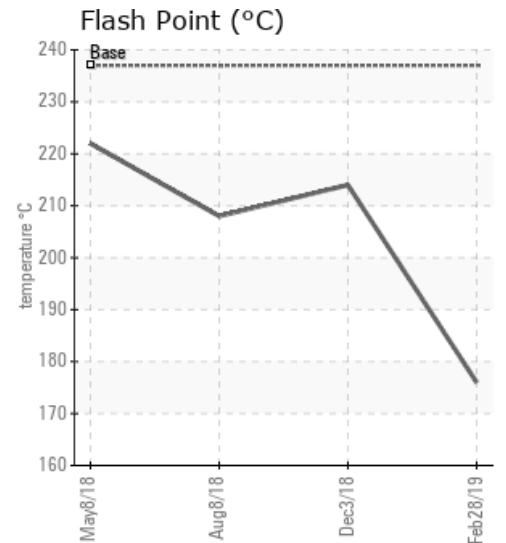
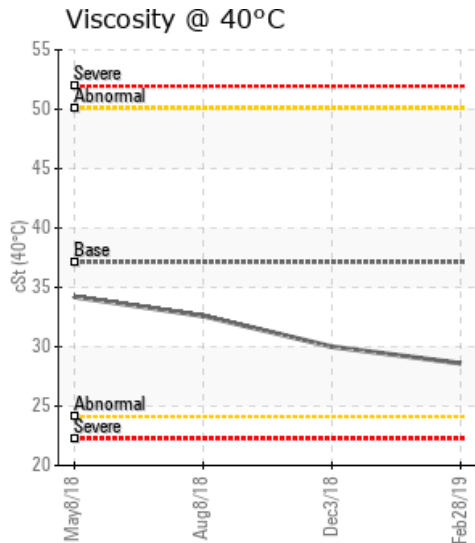
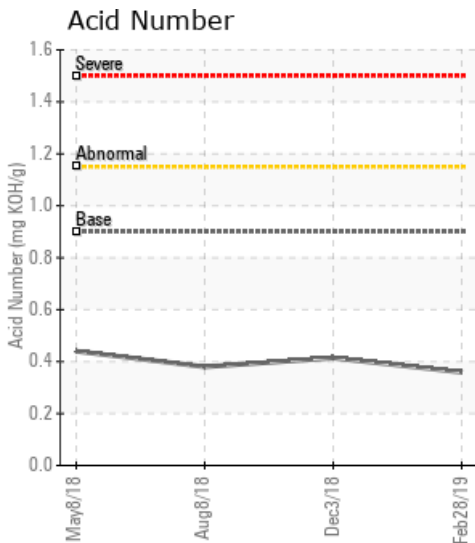
WANSON BH/INC 1200

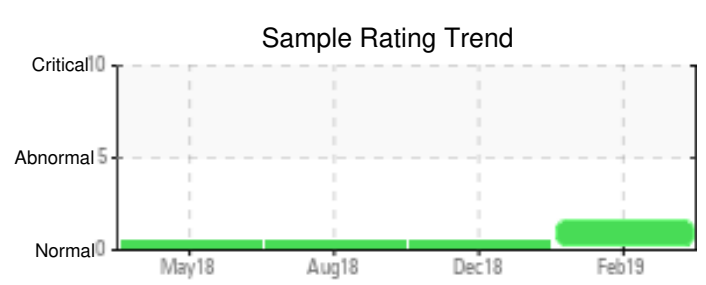
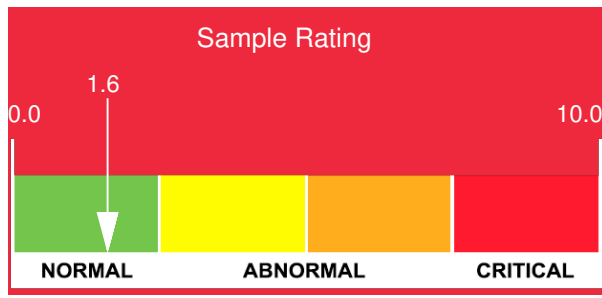
Customer: PTRHTF40127	System Information	Sample Information
Dalco Foods B.V Everdenberg 50 Oosterhout, 4902TT Netherlands Attn: Wilbert Snijers Tel: E-Mail: w.snijers@klt.nl	System Volume: 4200 gal Bulk Operating Temp: 518F / 270C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make: WANSON	Lab No: 02271731 Analyst: Philip Riley Sample Date: 02/28/19 Received Date: 03/06/19 Completed: 03/08/19

Recommendation: Flash Point (COC) is very low and off specification. Recommend venting the system if it is safe to do so and resample after venting to see how the oil charge has recovered flash point.

Comments: COC Flash Point is severely low.

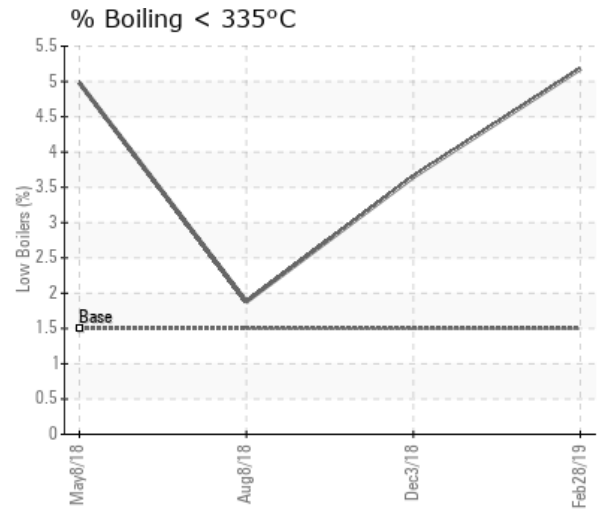
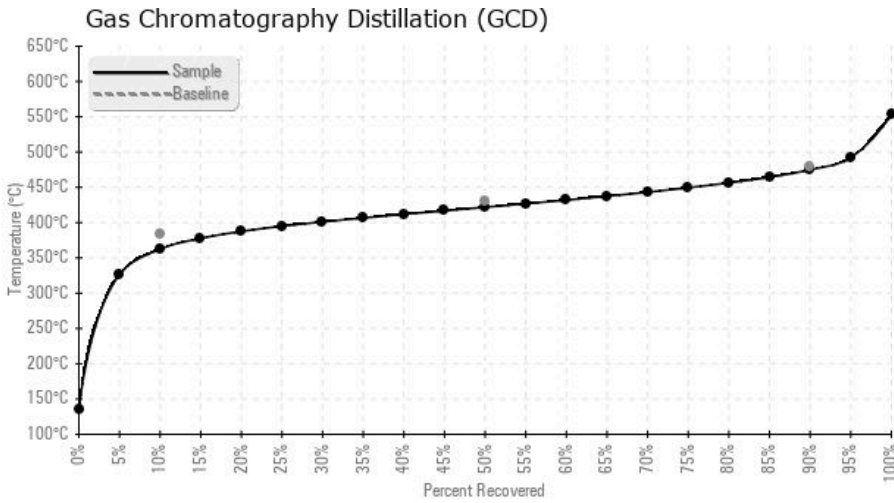
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/28/19	03/06/19	9y		349 / 176	18.2	28.6	0.359	0.111	684 / 362	791 / 422	887 / 475	5.18
12/03/18	12/11/18	0y		417 / 214	17.5	30.0	0.414	0.067	702 / 372	801 / 427	897 / 481	3.65
08/08/18	08/14/18	3y		406 / 208	36.7	32.6	0.38	0.048	713 / 378	801 / 427	895 / 480	1.88
05/08/18	05/11/18	3y		432 / 222	36.1	34.2	0.44	0.053	688 / 364	793 / 423	907 / 486	4.98
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5





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
02/28/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0
12/03/18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0
08/08/18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0
05/08/18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0
Baseline Data			0	0						0			0	0					0				230	

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



Historical Comments	
12/03/18	FLuid looks in good condition with respect to expected parameters. Some more clarity required on the unit age, time on oil etc as this is not consistent with previous samples. Based on result set the fluid is fit for further use and should be sampled at the next scheduled interval
08/08/18	Flash Point marginally low, and evidence of light molecules in the GCD. All tests within allowable limits and fluid fit for further use
05/08/18	All parameters within expected and normal limits. Fluid fit for further use

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