

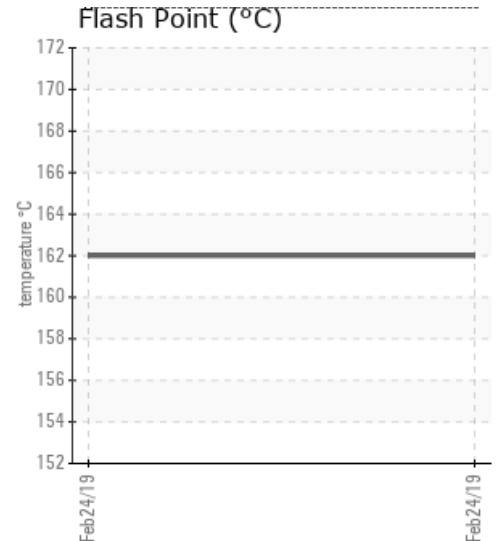
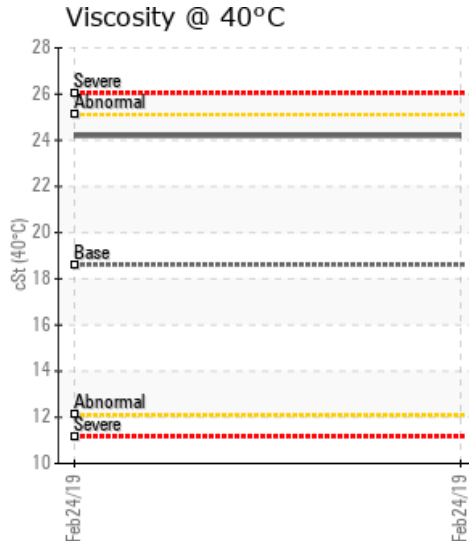
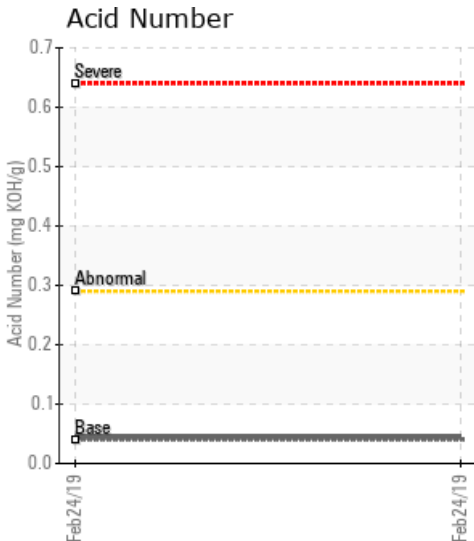
MEYN FULTON BOILER

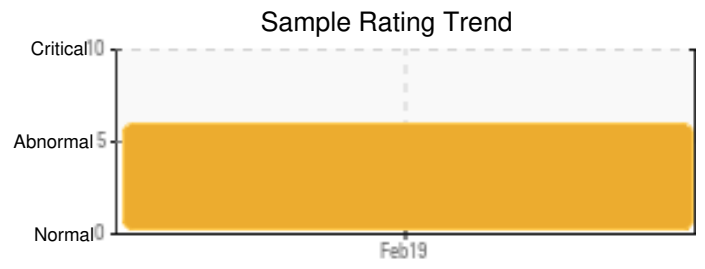
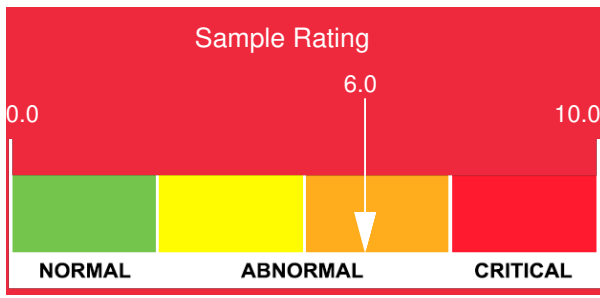
Customer: PTRHTF30126	System Information	Sample Information
MAPLE LEAF FOODS 333 COURTNEY PARK DR E MISSISSAUGA, ON L5T 2T6 Canada Attn: James Budan Hughes Tel: (905)565-9388 E-Mail: james.budanhughes@mapleleaf.com	System Volume: 0 ltr Bulk Operating Temp: 650F / 343C Heating Source: Blanket: Fluid: PARATHERM NF Make: FULTON THERMAL CORP	Lab No: 02270617 Analyst: Lynn Billings Sample Date: 02/24/19 Received Date: 02/28/19 Completed: 03/05/19

Recommendation: The GCD definitely has picked up low boiling material so suspect thermal cracking as well as oxidation. The viscosity has increased as well which indicates oxidation (sludge and carbon). This sludge and carbon will deposit within the system.

Comments: (GCD) % < 335°C is severely high. (GCD) 90% Distillation Point is severely high.

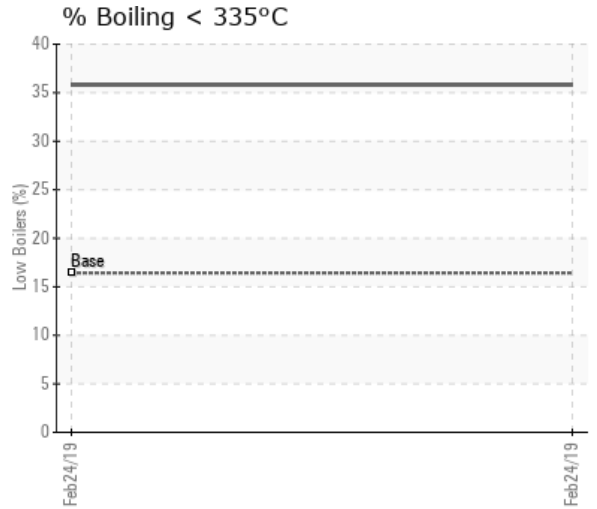
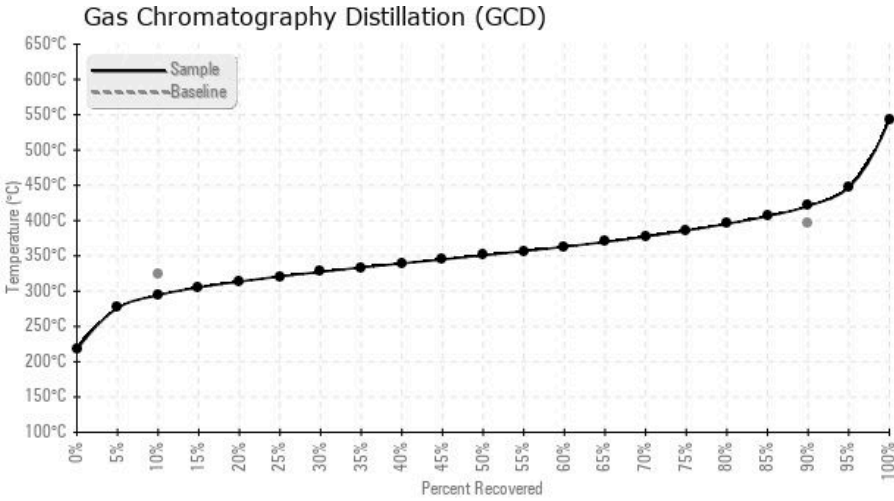
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/24/19	02/28/19	10y	Y STAINET BLOW DOWN	324 / 162	0.00	24.2	0.044	0.048	562 / 294	663 / 351	789 / 421	35.83
Baseline Data				345 / 174		18.6	0.04		615 / 324		747 / 397	16.42





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
02/24/19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			0	0						0			0	0					0				0	

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



Historical Comments

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