

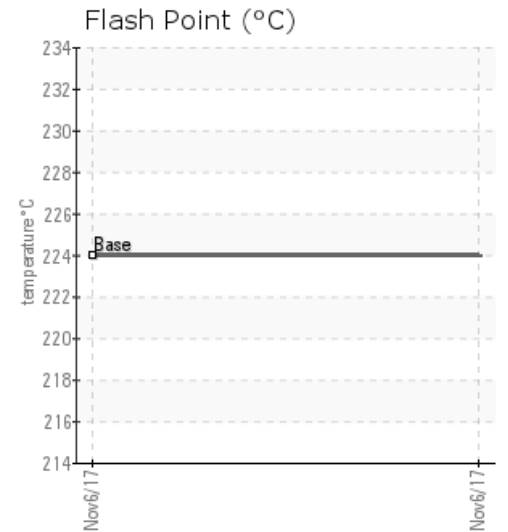
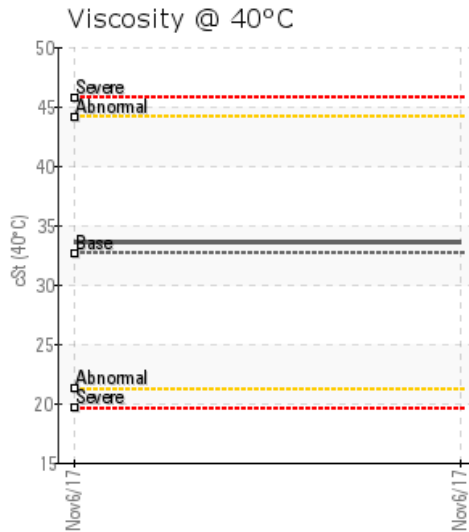
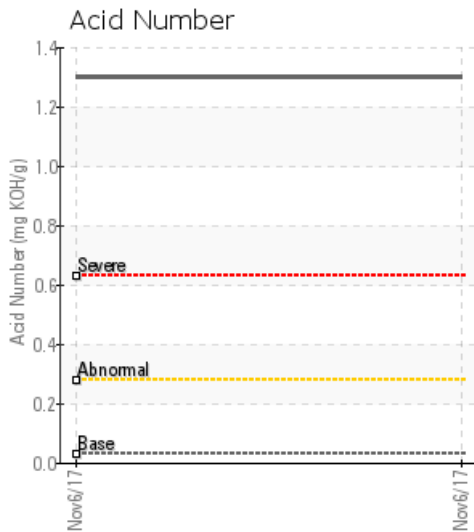
## HEAT TRANSFER FLUID

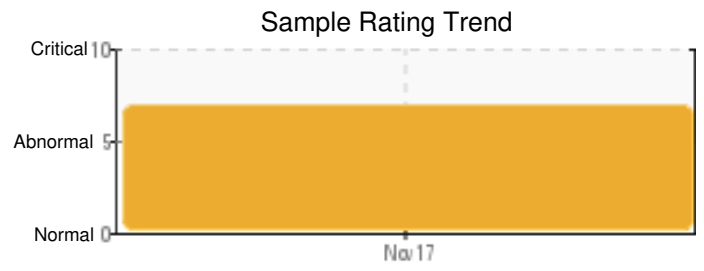
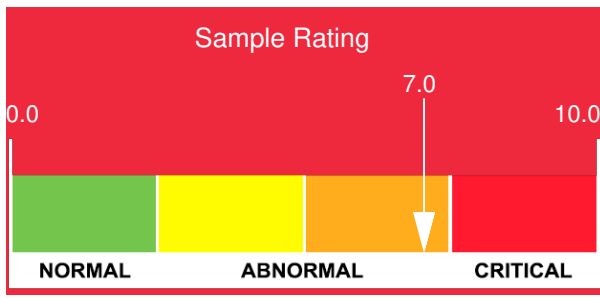
Customer: PTRHTF60025	System Information	Sample Information
CETEX PETROCHEMICALS LTD. MANALI CHENNAI, ZZ 600 068 India Attn: HTTFL Manager Tel: (009)144-2594515060 E-Mail: cetexho@cetexpetro.com	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02180682 Analyst: Yutong Gao Sample Date: 11/06/17 Received Date: 11/07/17 Completed: 12/13/17 To discuss this report contact Yutong Gao at (403)873-1876

Recommendation: The current oil has been oxidized, the acid number is much higher than the fresh oil. The viscosity, distillation points and solid contents are sill OK. However, it is the right time to do the oil change.

Comments: Acid Number (AN) is severely high.

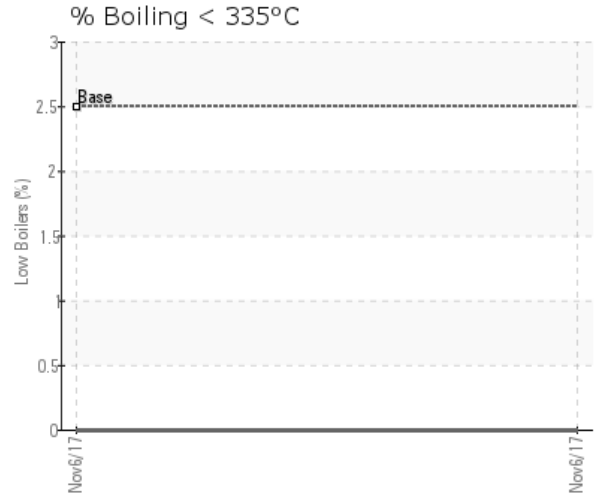
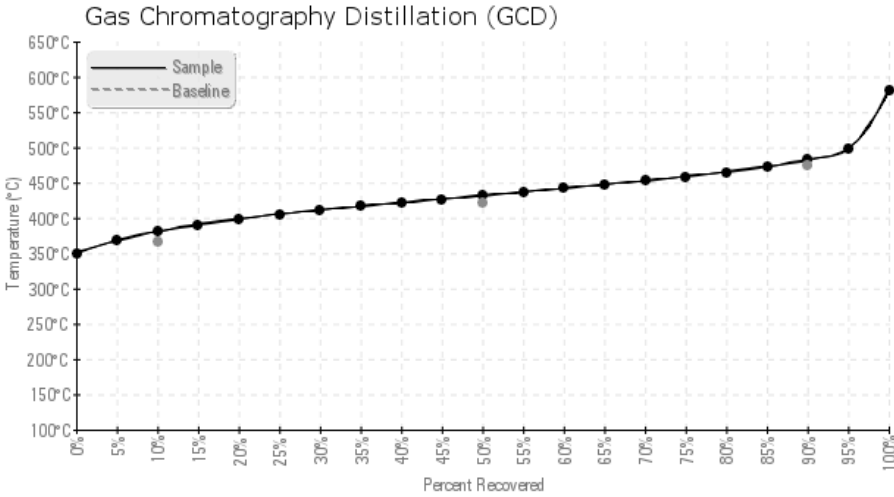
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/06/17	11/07/17	0h		435 / 224	35.4	33.6	1.30	0.076	717 / 381	809 / 432	901 / 483	0.00
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5





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	
11/06/17	3	0	0	0	1	2	0	3	0	0	3	0	0	0	0	0	0	0	0	0	3	0	268	1	
<b>Baseline Data</b>			0	0						0			0	0					0					270	

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



### Historical Comments


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