

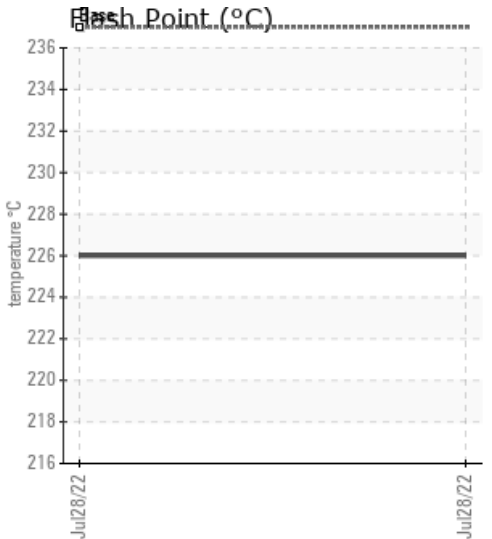
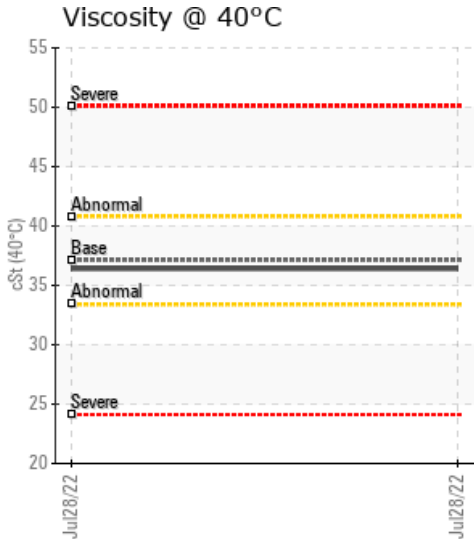
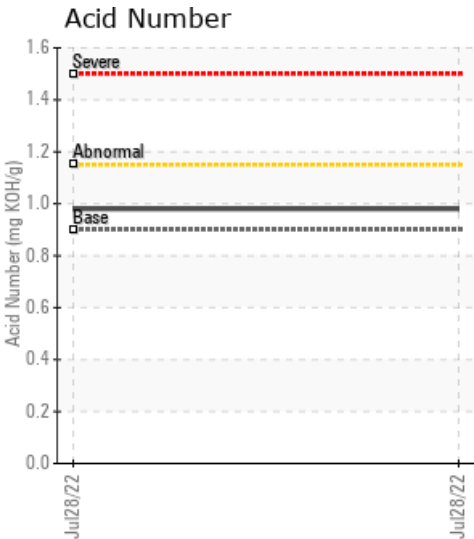
## BASUKI THERMAL OIL HEATER

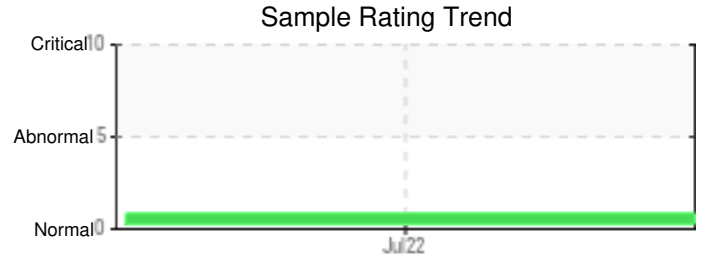
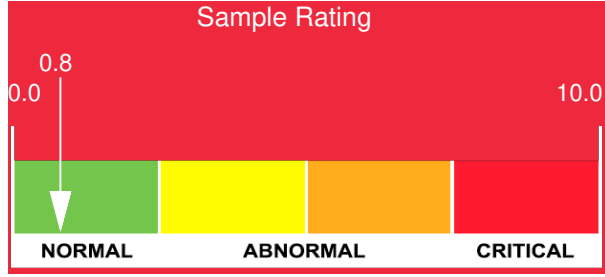
Customer: PTRHTF60035	System Information	Sample Information
PT. Indonesia Millenium Perdana	System Volume: 33255 ltr	Lab No: 02503843
Jakarta, ZZ 13220 Indonesia	Bulk Operating Temp: 572F / 300C	Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I
Attn: Nathaniel Utama	Heating Source:	Sample Date: 07/28/22
Tel: (628)129-0912801	Blanket:	Received Date: 08/08/22
E-Mail: nathanielutama@petrocanada-imp.com	Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID	Completed: 08/12/22
	Make: BASUKI	Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: The 90% distillation point is high, however, the fluid is suitable for further use. Resample in one year to monitor.

Comments: (GCD) 90% Distillation Point is abnormally high.

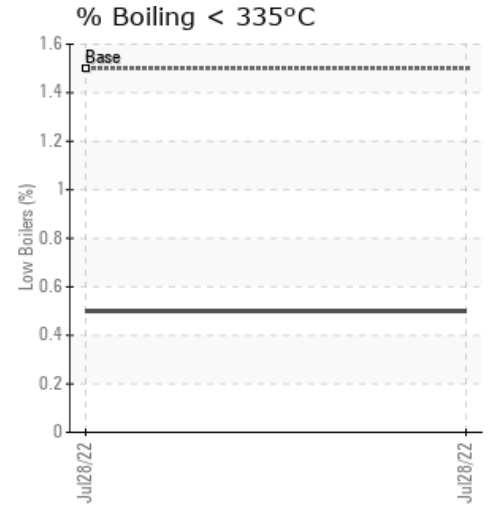
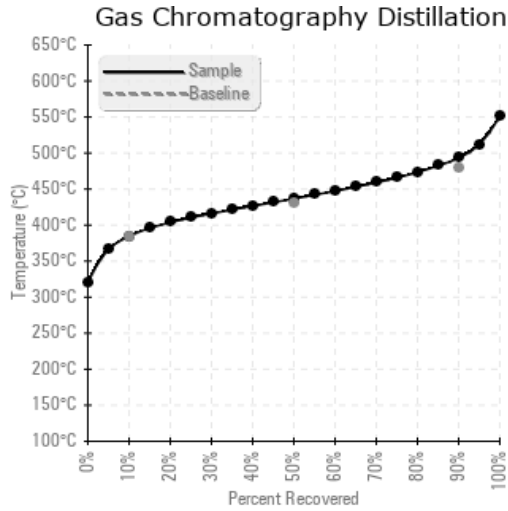
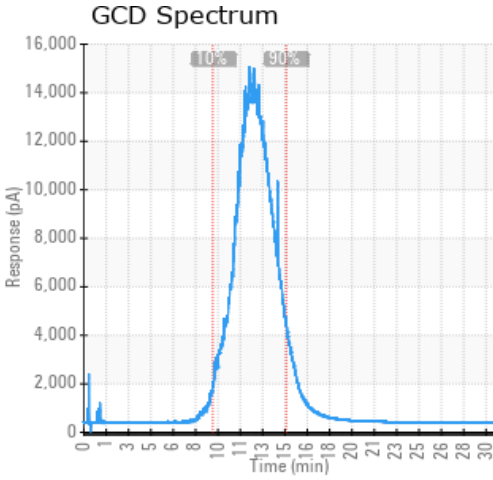
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
07/28/22	08/08/22	0.0h		439 / 226	7.0	36.4	0.98	0.282	724 / 385	818 / 437	920 / 493	0.50
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
07/28/22	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	234	0
<b>Baseline Data</b>			0	0						0			0	0				0	0				230	

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



### Historical Comments


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