

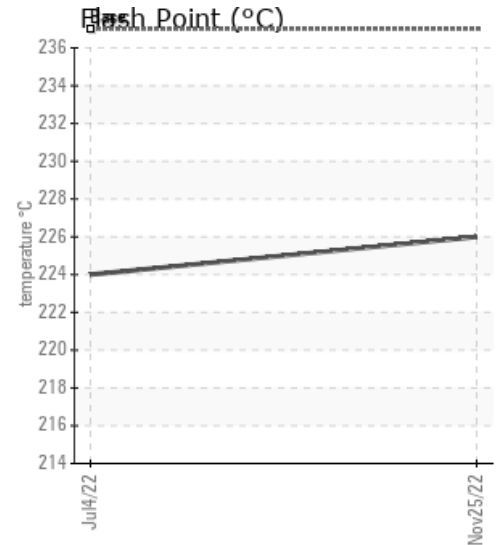
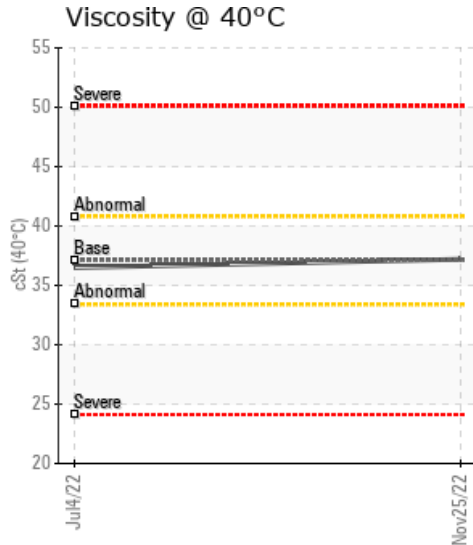
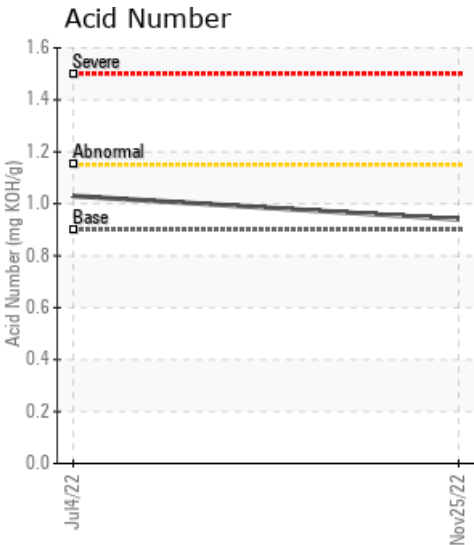
PT KOBE BOGA UTAMA

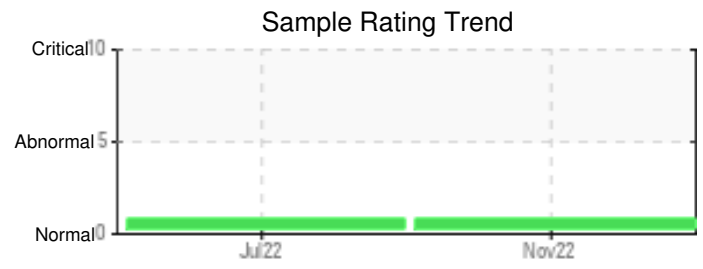
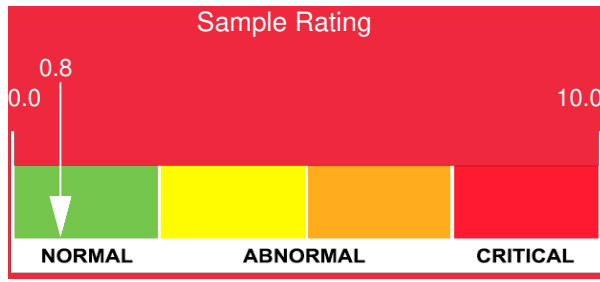
Customer: PTRHTF60035	System Information	Sample Information
PT. Indonesia Millenium Perdana Jakarta, ZZ 13220 Indonesia Attn: Nathaniel Utama Tel: (628)129-0912801 E-Mail: nathanielutama@petrocanada-imp.com	System Volume: 0 ltr Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make:	Lab No: 02527205 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 11/25/22 Received Date: 12/06/22 Completed: 12/12/22 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: Minor difference in the 90% Distillation. Other parameters such as viscosity, flash point are mid point of specification. Satisfied this oil is in good condition

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

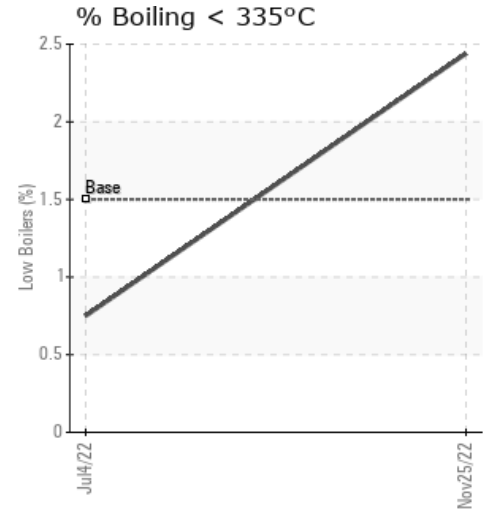
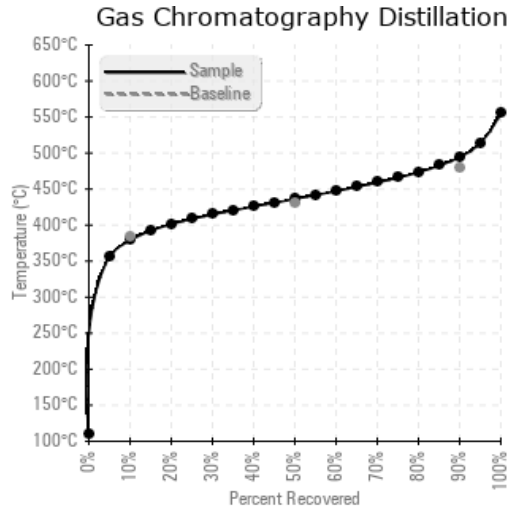
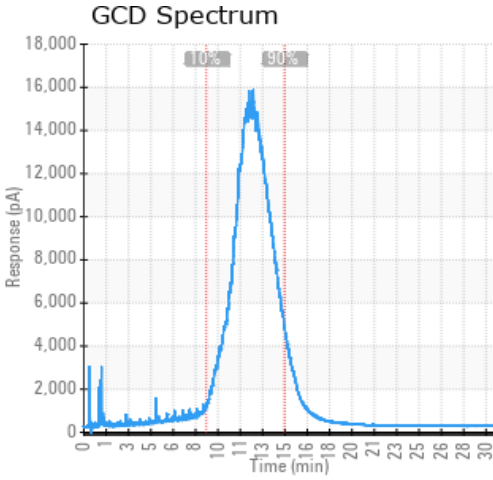
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/25/22	12/06/22	3.0m	pump	439 / 226	15.3	37.2	0.94	0.027	714 / 379	817 / 436	922 / 494	2.44
07/04/22	08/08/22	0.0m	BATCH PC210079	435 / 224	0.00	36.5	1.03	0.195	732 / 389	821 / 438	914 / 490	0.75
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
11/25/22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0
07/04/22	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	234	0
Baseline Data			0	0						0		0	0				0	0					230	

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



Historical Comments	
07/04/22	Minor difference in the 90% Distillation. Other parameters such as viscosity, flash point are mid point of specification. Satisfied this oil is in good condition (GCD) 90% Distillation Point is marginally high.

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