

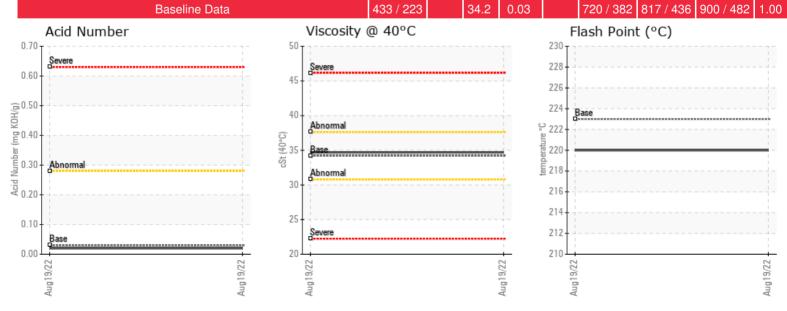
CORIX-BMDEU BIOMASS PLANT

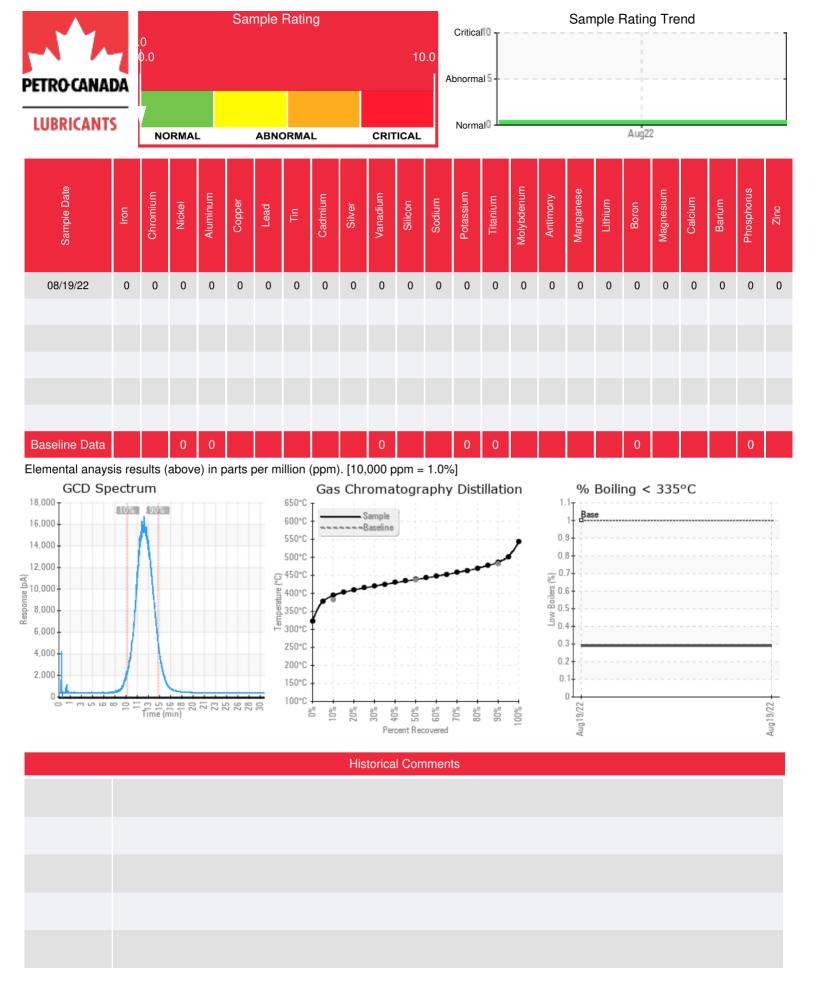
Customer: PTRHTF20267	System Information	Sample Information
CORIX UTILITIES	System Volume: 20000 gal	Lab No: 02509205
8500 SOUTH CAMPUS RD	Bulk Operating Temp: 599F / 315C	Analyst: Ray Rolston
BURNABY, BC V5A 1S6 Canada	Heating Source:	Sample Date: 08/19/22
Attn: Django Lehner	Blanket:	Received Date: 09/06/22
Tel: (604)209-3487	Fluid: PETRO CANADA PETRO-THERM	Completed: 09/12/22
E-Mail: django.lehner@corix.com	Make: WELLONS	Ray Rolston
		Ray.Rolston@HFSinclair.com

Recommendation: This sample of Petro-Therm is in 'like new' condition. No wear or contaminant metals are present. Water content is low at 161.5 ppm. The viscosity is close to fresh oil at 34.7 cSt @ 40 degrees C. The Acid Number (AN) is also similar to fresh oil at 0.02 mg KOH/g. Gas Chromatography Distillation (GCD) results are also like fresh oil. Resample in one year to monitor the fluid's condition.

Comments:

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	%
08/19/22	09/06/22	22.0m	OIL PUMP 3 STRAINER	428 / 220	161.5	34.7	0.02	0.026	740 / 393	821 / 438	907 / 486	0.29





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