

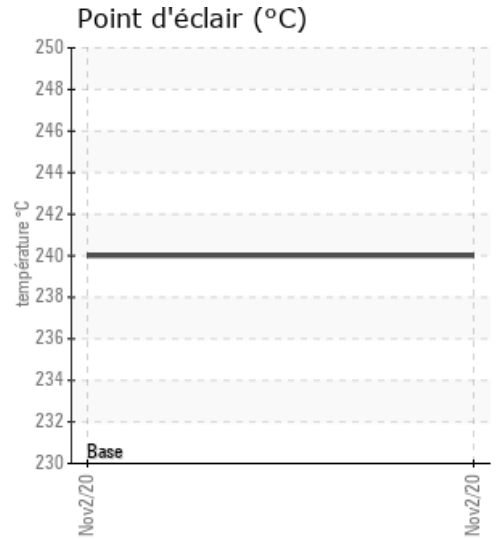
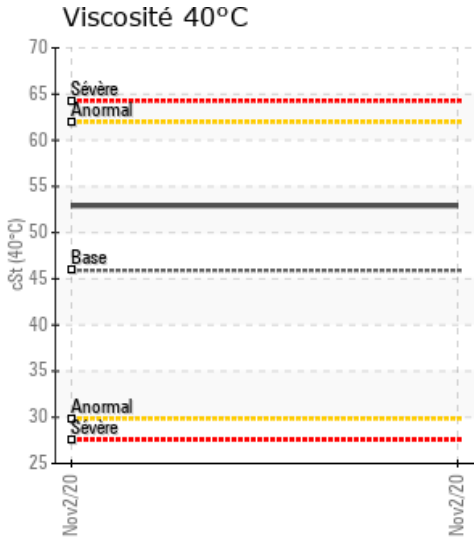
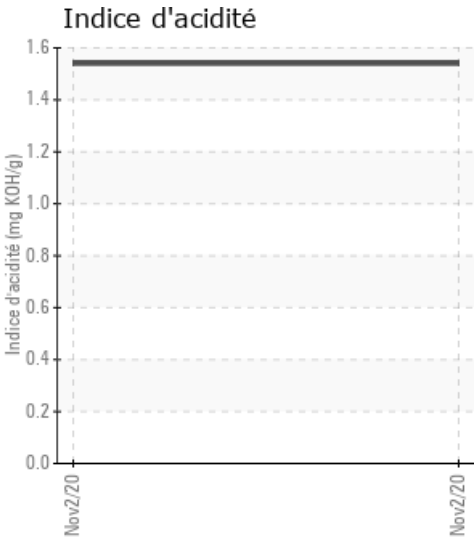
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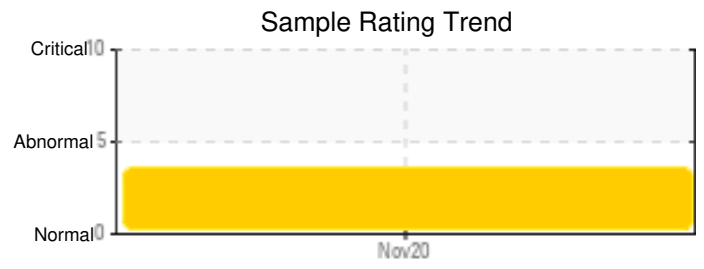
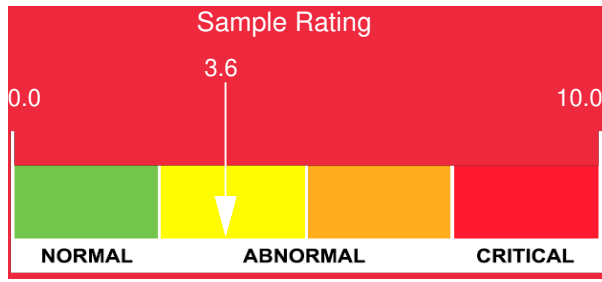
Customer: PTRHTF30160	System Information	Sample Information
BETON PROVINCIAL LTEE. C.P. 160-1825 DE PHARE OUEST MATANE, QC G4W 3N1 Canada Attn: Frederic Noel Tel: (418)580-9385 E-Mail: f.noel@betonprovincial.com	System Volume: 10000 ltr Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: CATALYS FLUIDETHERM HT 46 Make: TECHNIFLAME	Lab No: 02385537 Analyst: Pierre Castagne Sample Date: 11/02/20 Received Date: 11/05/20 Completed: 11/12/20 Pierre Castagne pierre.castagne@petrocanadalsp.com

Recommendation: La teneur en acide est très élevée Acid Number (AN) 1.54. Il y a présence d'eau (ppm Water) 99.3. La viscosité de l'huile a augmenté de ISO VG 46 à 52.9. Les fractions légères (GCD @ 10%) sont élevées 393.8. Les fractions lourdes (GCD @ 90%) sont élevés 512.9. Compte tenu des résultats nous vous recommandons de nettoyer, rinçer le système et de remplir le système avec de l'huile caloporteur neuve.

Comments:

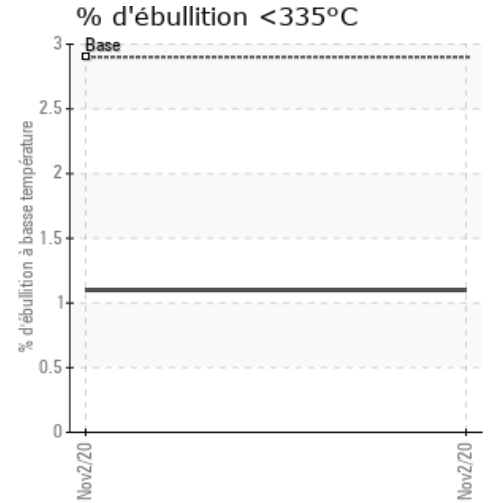
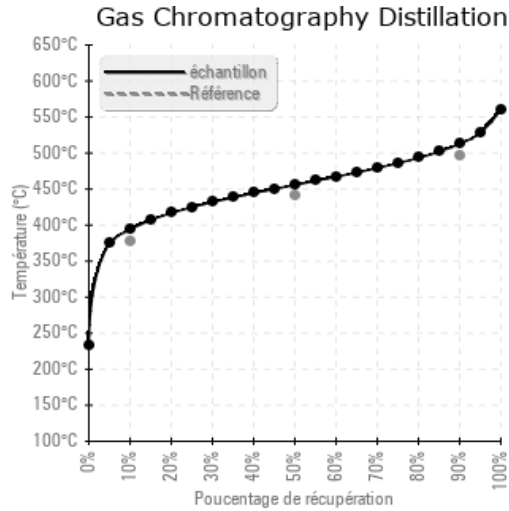
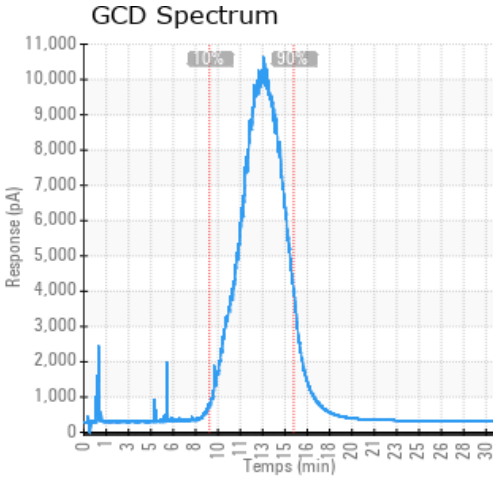
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/02/20	11/05/20	2w	RA	464 / 240	99.3	52.9	1.54	0.084	741 / 394	852 / 456	955 / 513	1.10
Baseline Data				435 / 224		45.9			712 / 378	824 / 440	927 / 497	2.9





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	
11/02/20	3	0	0	0	0	2	0	0	0	0	0	6	2	0	0	0	0	0	0	0	0	0	0	1	3
Baseline Data			0	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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