

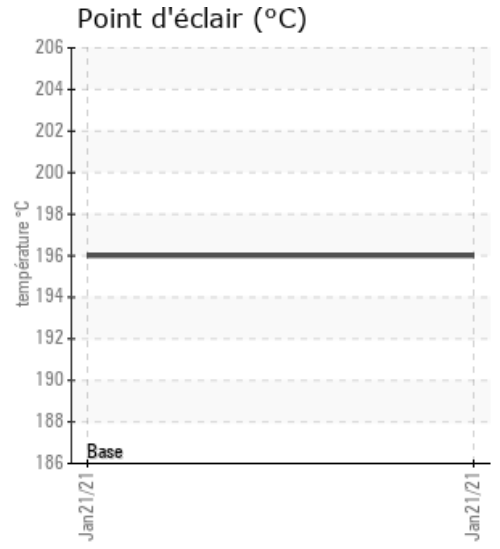
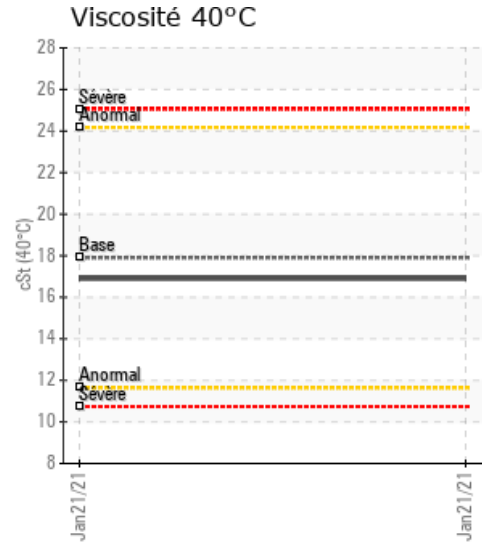
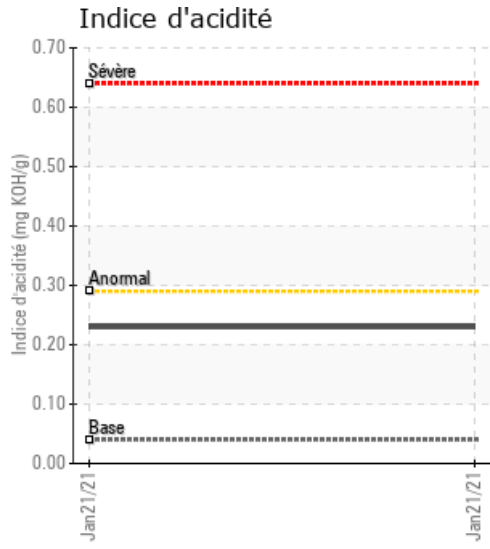
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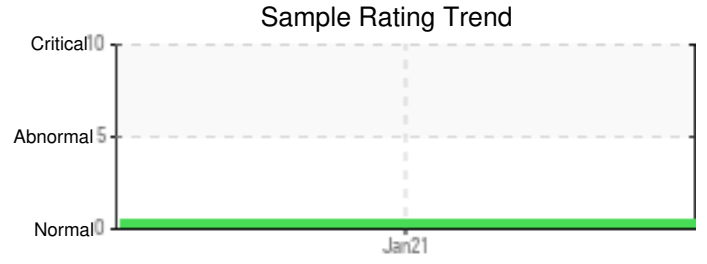
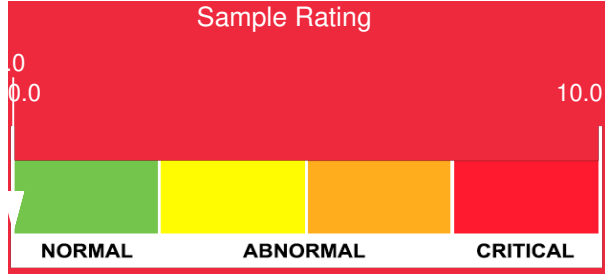
Customer: PTRHTF30164	System Information	Sample Information
CENTRE TECHNO PNEU 100 RUE DES ATELIERS RIMOUSKI, QC G5M 1B4 Canada Attn: Jean-Francois Marquis Tel: (418)724-4104 E-Mail: jfmarquis@technopneu	System Volume: 410 ltr Bulk Operating Temp: 350F / 177C Heating Source: Blanket: Fluid: PARATHERM NF Make:	Lab No: 02400095 Analyst: Pierre Castagne Sample Date: 01/21/21 Received Date: 01/27/21 Completed: 02/16/21 Pierre Castagne pierre.castagne@hollyfrontier.com

Recommendation: Il y a un léger craquage de l'huile Caloporteur. Il y a une augmentation de l'Indice d'Acidité (AN).

Comments:

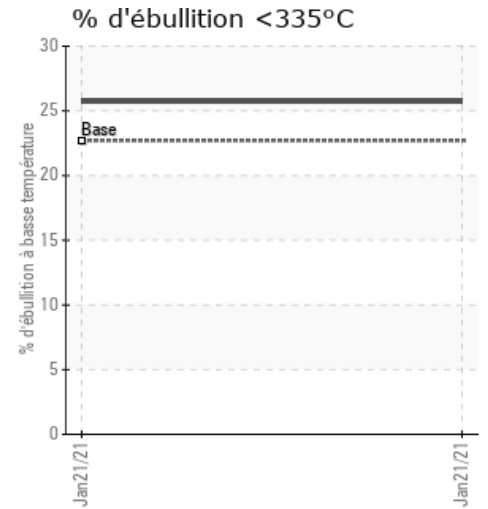
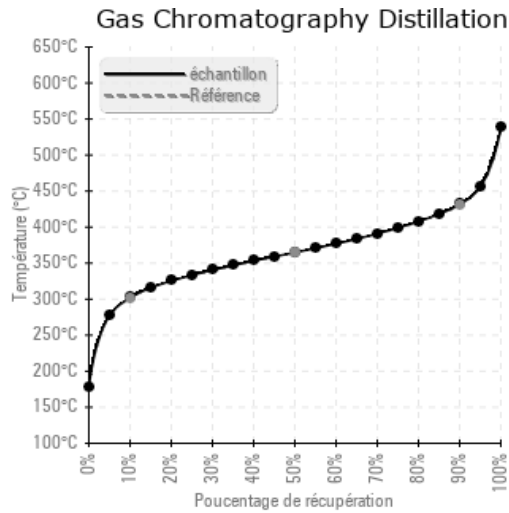
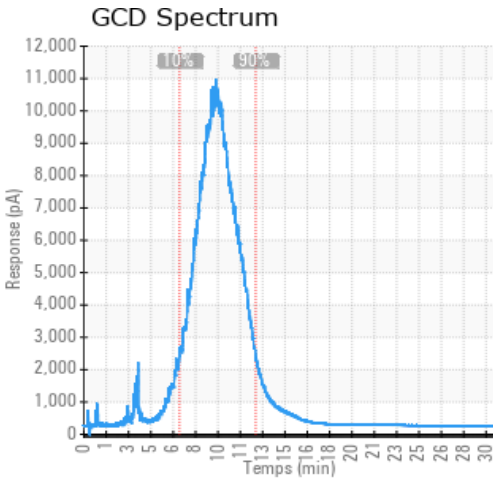
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
01/21/21	01/27/21	1.0y		385 / 196	2.0	16.9	0.23	0.089	575 / 302	689 / 365	808 / 431	25.72
Baseline Data				342 / 172		17.9	0.04		572 / 300	689 / 365	808 / 431	22.7





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
01/21/21	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			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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