

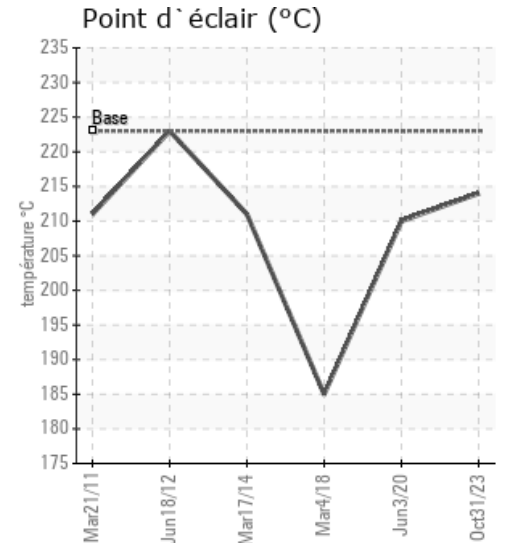
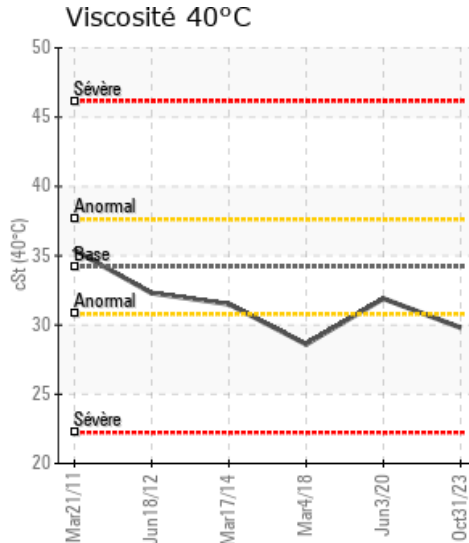
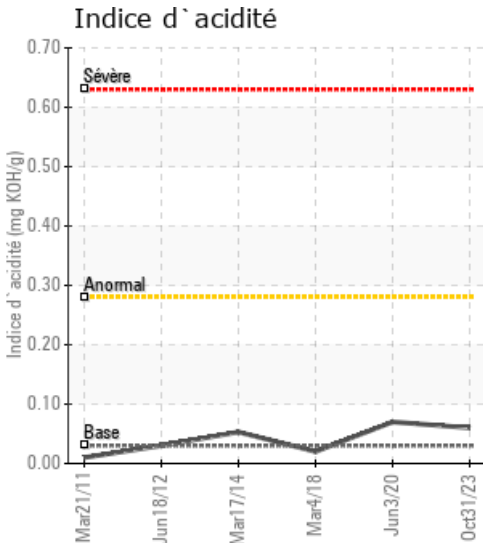
## 2X62-VC-05

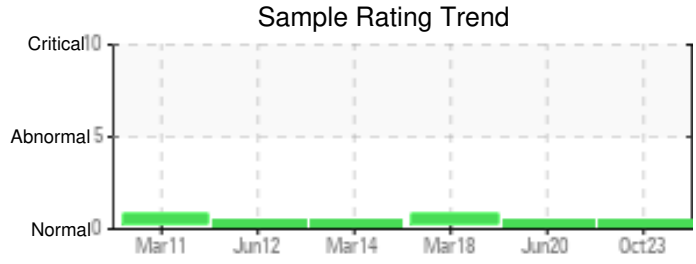
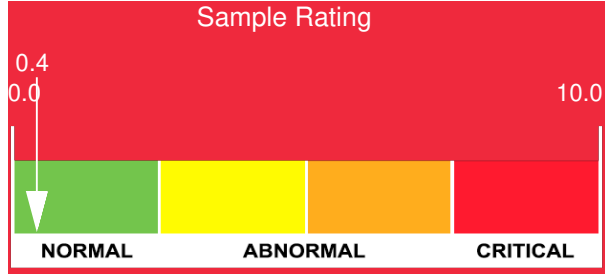
Customer: PTRHTF30038	System Information	Sample Information
BUILDING PRODUCTS OF CANADA 9510 ST PATRICK STREET LASALLE, QC H8R 1R9 CA Attn: Marc Legault Tel: (514)364-7586 E-Mail: mlegault@bpcan.com	System Volume: 22 ltr Bulk Operating Temp: 213F / 101C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: ELEMENT ELECTRIQUE	Lab No: 02595914 Analyst: Jean Lacharite Sample Date: 10/31/23 Received Date: 11/13/23 Completed: 11/15/23 Jean Lacharite jean.lacharite@HFSinclair.com

Recommendation: The viscosity is ok, you are 17% under the normal viscosity. All other results are normal for wear, AN, Water, insolubles and GCD 10, 50, 90%. GCD graphic is good. continue the operation. Resample in 12 month.

Comments:

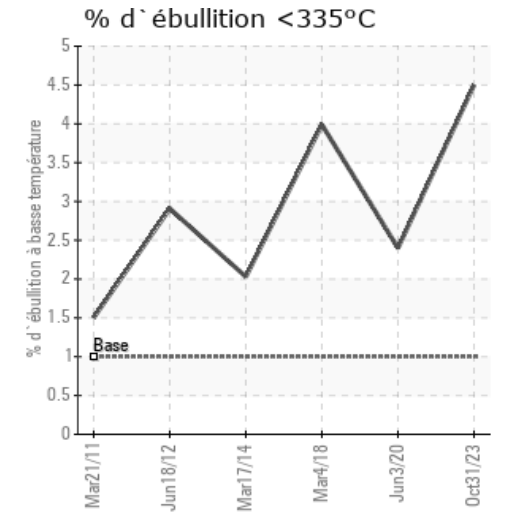
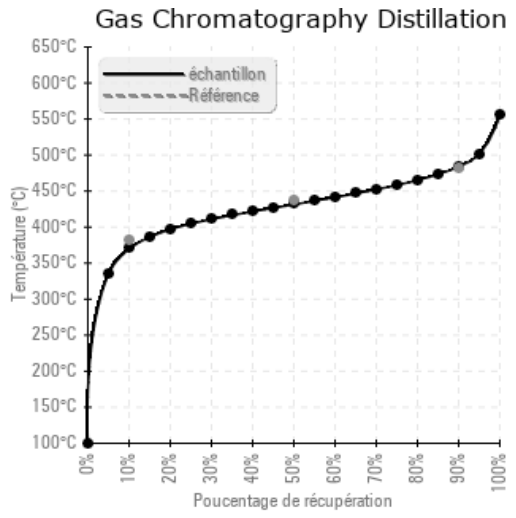
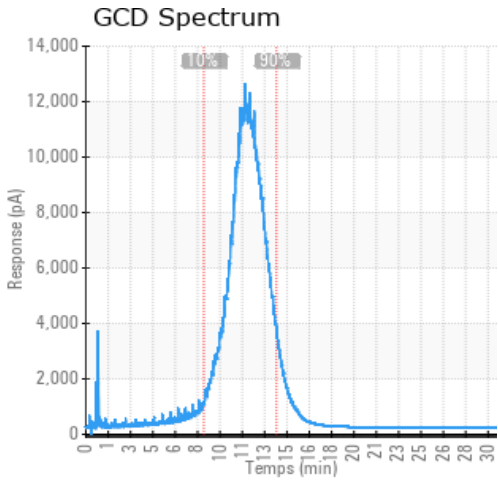
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/31/23	11/13/23	0.0m	DANS LE BASSIN	417 / 214	21.6	29.8	0.06	0.035	697 / 370	809 / 431	903 / 484	4.50
06/03/20	06/04/20	3.0m	BASSIN	410 / 210	24.0	31.9	0.07	0.078	712 / 378	807 / 430	896 / 480	2.40
03/04/18	05/03/18	0.0m		365 / 185	13.7	28.6	0.02	0.038	706 / 374	809 / 431	904 / 484	3.99
03/17/14	03/21/14	1.0m		412 / 211	14.8	31.5	0.053	0.125	707 / 375	810 / 432	915 / 491	2.03
06/18/12	07/12/12			433 / 223	10	32.3	0.03	0.033	699 / 371	799 / 426	895 / 479	2.908
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
10/31/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/03/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/04/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/17/14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0
06/18/12	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	4	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	
06/03/20	Il y a présence de soufre, assurez-vous de faire tout transvasage du fluide caloporteur à partir d'une pompe dédiée à cet effet. L'huile est OK, pour usage continue. Reprendre un échantillon à la date prévue.
03/04/18	La viscosité ainsi que le point éclair sont marginalement faible. Reprendre un échantillon dans 3 mois. COC Flash Point is marginally low.
03/17/14	L'huile caloporteuse est en bonne condition. Nous recommandons de re-échantillonner dans un an
06/18/12	Les résultats inquiètent que l'huile est encore bonne

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