

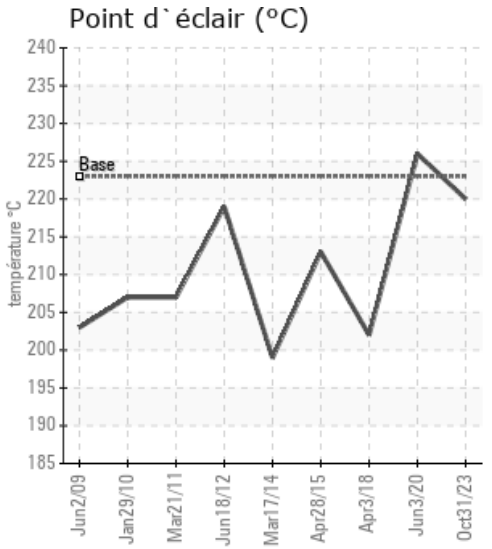
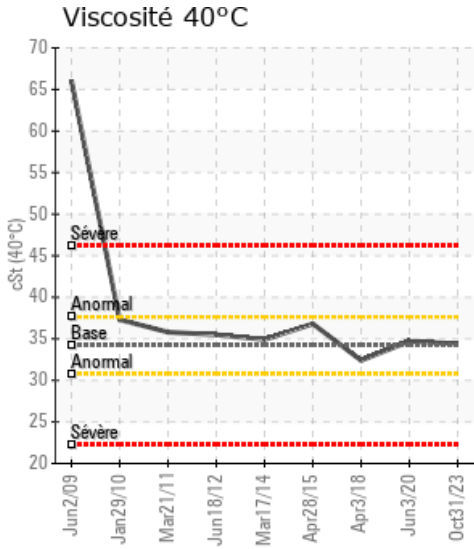
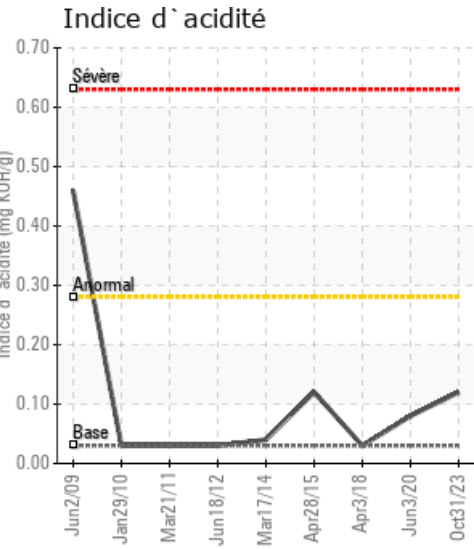
2D35-EQ-01

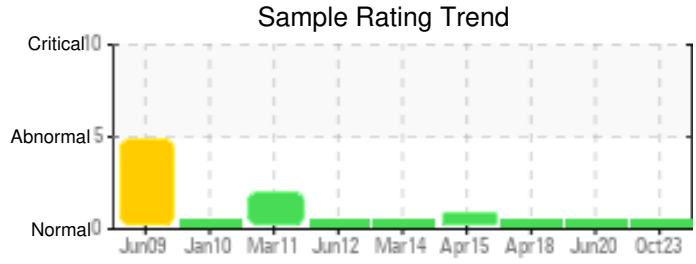
Customer: PTRHTF30038	System Information	Sample Information
BUILDING PRODUCTS OF CANADA 9510 ST PATRICK STREET LASALLE, QC H8R 1R9 CA Attn: Marc Legault Tel: (514)364-7586 E-Mail: mlegault@bpcan.com	System Volume: 203 ltr Bulk Operating Temp: 246F / 119C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: ELEMENT ELECTRIQUE	Lab No: 02595919 Analyst: Jean Lacharite Sample Date: 10/31/23 Received Date: 11/13/23 Completed: 11/16/23 Jean Lacharite jean.lacharite@HFSinclair.com

Recommendation: results are ok for wear, AN, viscosity, Flash point, insolubles and GCD 10, 50, 90%. GCD graphic is good. continue the operation.

Comments:

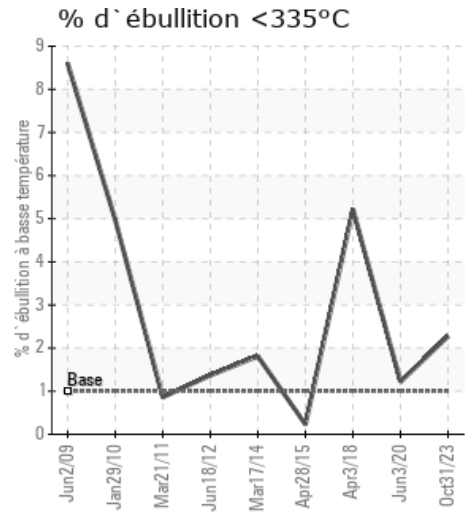
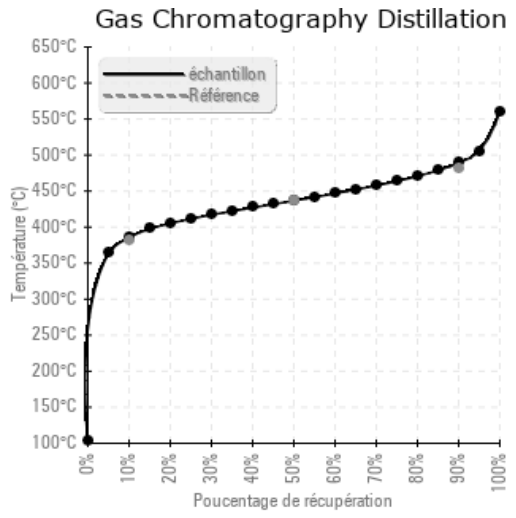
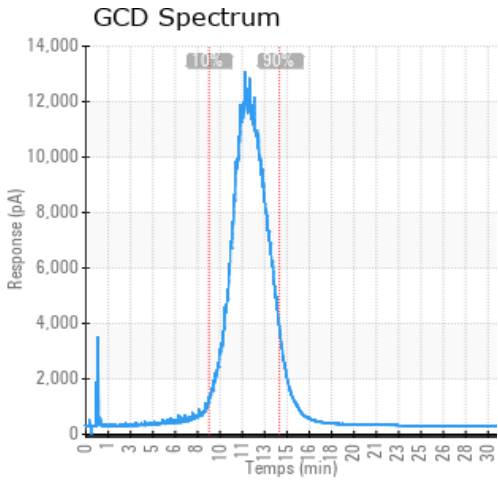
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/31/23	11/13/23	0.0m	DANS LE BASSIN	428 / 220	14.6	34.4	0.12	0.159	726 / 386	818 / 437	912 / 489	2.27
06/03/20	06/04/20	3.0m	BASSIN	439 / 226	7.2	34.7	0.08	0.088	733 / 390	816 / 436	899 / 482	1.22
04/03/18	05/03/18	0.0m		396 / 202	11.6	32.4	0.03	0.142	674 / 357	784 / 418	899 / 482	5.22
04/28/15	05/01/15	1.0m	2 VALVES PANNE ADHES	415 / 213	13.2	36.8	0.12	0.208	718 / 381	814 / 434	930 / 499	0.23
03/17/14	03/21/14	1.0m		390 / 199	16.5	34.9	0.04	0.293	711 / 377	810 / 432	911 / 489	1.81
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
04/03/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04/28/15	2	0	0	1	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	4	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	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

06/03/20	Il y a présence de soufre dans l'huile, assurez-vous de faire tout transvasage du fluide caloporteur à partir d'une pompe dédiée à cet effet. L'huile est OK, pour usage continu. Reprendre un échantillon à la date prévue.
04/03/18	Reprendre un échantillon à intervalle normal
04/28/15	Les fractions lourdes sont élevées (GCD 90%). (GCD) 90% Distillation Point is abnormally high.
03/17/14	L'huile caloporteuse est en bonne condition. Nous recommandons de re-échantillonner dans un an

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.