

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Hydraulic System

Sample No: LH0215736

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0215736	LH0274747	LH0270378	LH0247091
Date d'échant.	13 Oct 2023	29 Aug 2023	14 Jul 2023	30 Nov 2022
Heures de la Machine	7226	6756	6154	5112
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Changed	Changed
Statut de l'échant.	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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ASHTON, ON
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Contact: Keith



ÉTAT D'HUILE

Visc 40°C	cSt	54.7	55.3	47.9	48.3
Visc 100°C	cSt	---	---	7.8	---
Indice de viscosité (VI)	Scale	---	---	131	---

T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Eau	%	---	---	---	0.018
Particules >4µ		13873	14881	11184	17124
Particules >6µ		2170	1759	934	938
Particules >14µ		97	92	39	29
ISO 4406:1999 (c)		21/18/14	21/18/14	21/17/12	21/17/12
Silicium	ppm	9	8	10	8
Sodium	ppm	1	1	1	1
Potassium	ppm	16	2	2	2

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	8	8	12	11
Cuivre	ppm	2	2	3	3
Plomb	ppm	3	3	5	5
Étain	ppm	0	0	0	<1
Aluminium	ppm	4	3	5	4
Chrome	ppm	<1	<1	1	<1
Molybdène	ppm	44	43	25	25
Nickel	ppm	0	0	0	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

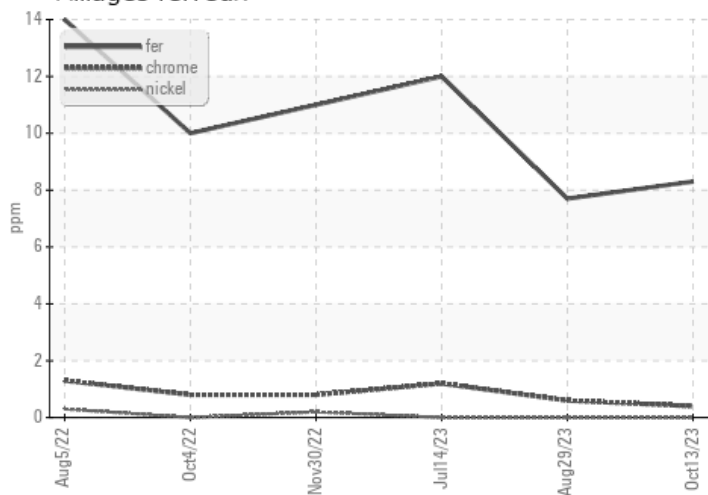
Calcium	ppm	994	994	876	937
Magnésium	ppm	716	726	415	403
Zinc	ppm	1102	1118	999	1005
Phosphore	ppm	965	1020	896	896
Baryum	ppm	<1	<1	<1	<1
Bore	ppm	1	1	1	1

Depot: CAVASH
Unique No: 5658415
Signed: Kevin Marson
Report Date: 17 Oct 2023

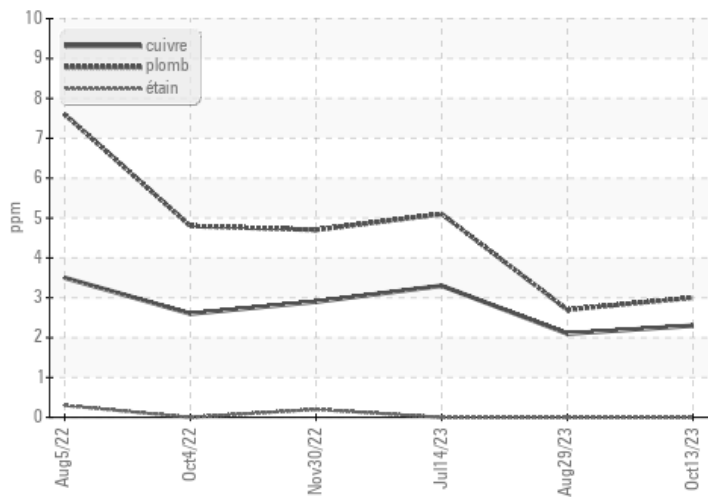


GRAPHS

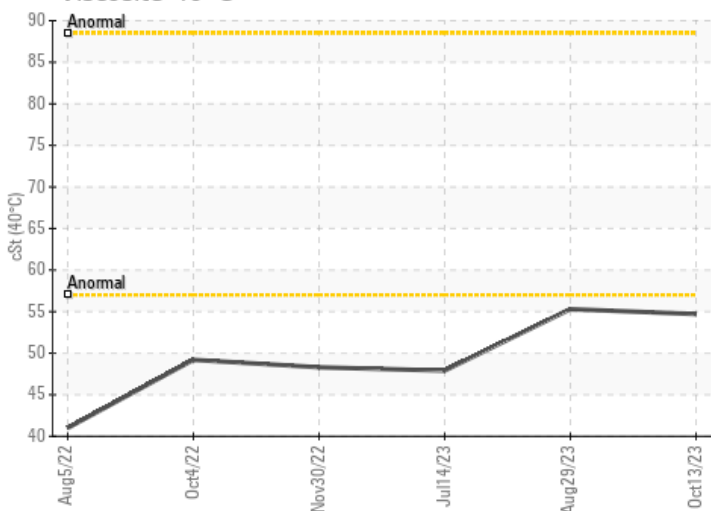
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

