

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Hydraulic System

Sample No: LH0274747

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274747	LH0270378	LH0247091	LH0162461
Date d'échant.	29 Aug 2023	14 Jul 2023	30 Nov 2022	04 Oct 2022
Heures de la Machine	6756	6154	5112	4606
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	Changed	Not Changd
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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ASHTON, ON
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Contact: Keith



ÉTAT D'HUILE

Visc 40°C	cSt	55.3	47.9	48.3	49.2
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		14881	11184	17124	10129
Particules >6µ		1759	934	938	301
Particules >14µ		92	39	29	14
ISO 4406:1999 (c)		21/18/14	21/17/12	21/17/12	21/15/11
Silicium	ppm	8	10	8	7
Sodium	ppm	1	1	1	1
Potassium	ppm	2	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	12	11	10
Cuivre	ppm	2	3	3	3
Plomb	ppm	3	5	5	5
Étain	ppm	0	0	<1	0
Aluminium	ppm	3	5	4	3
Chrome	ppm	<1	1	<1	<1
Molybdène	ppm	43	25	25	25
Nickel	ppm	0	0	<1	0
Titane	ppm	<1	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

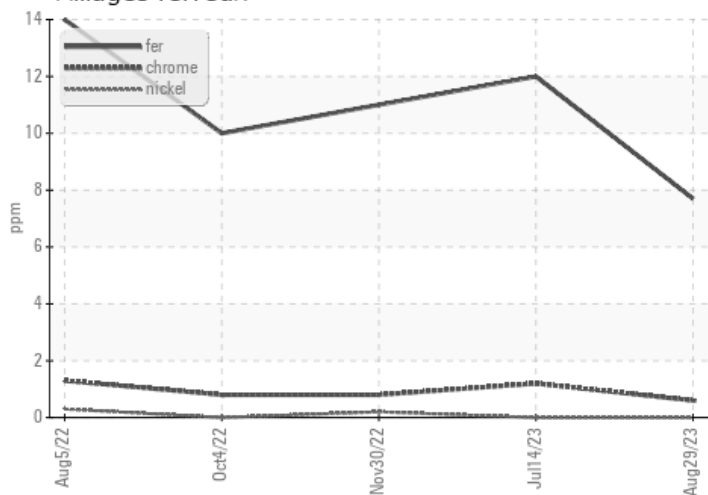
Calcium	ppm	994	876	937	915
Magnésium	ppm	726	415	403	399
Zinc	ppm	1118	999	1005	988
Phosphore	ppm	1020	896	896	892
Baryum	ppm	<1	<1	<1	<1
Bore	ppm	1	1	1	1

Depot: CAVASH
Unique No: 5633771
Signed: Kevin Marson
Report Date: 07 Sep 2023

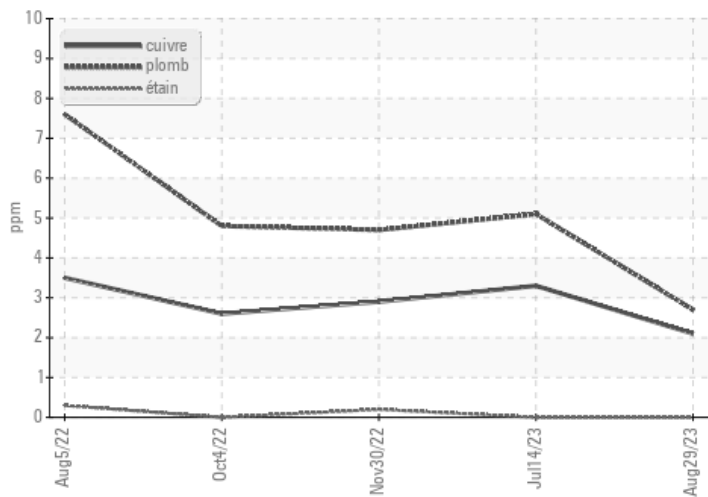


GRAPHS

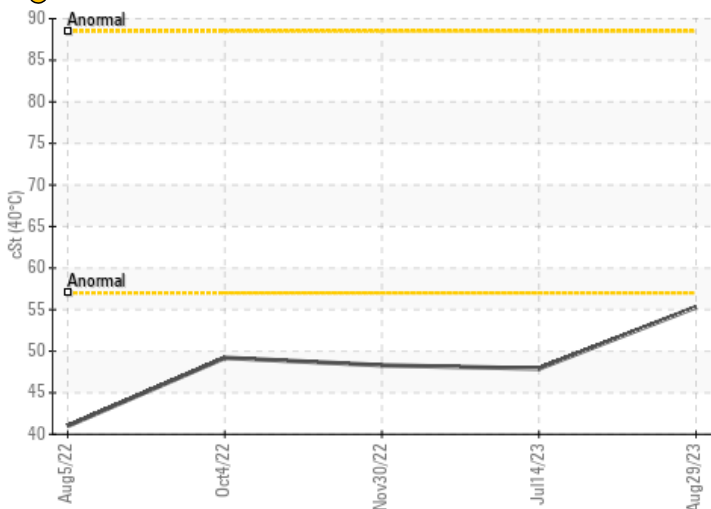
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

