

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351146)] LIEBHERR A918 131283-1508 - Hydraulic System

Sample No: LH0277526

Oil Type: PETRO CANADA 10W30



THOMAS CAVANAGH CONSTRUCTION LTD
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277526	LH0274420	LH0242418	---
Date d'échant.	24 Nov 2023	18 Aug 2023	01 Nov 2022	---
Heures de la Machine	3974	2990	2002	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	51.3	53.1	48.2	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Particules >4µ		3580	15349	2645	---
Particules >6µ		695	4866	354	---
Particules >14µ		34	231	8	---
ISO 4406:1999 (c)		19/17/12	21/19/15	19/16/10	---
Silicium	ppm	4	5	5	---
Sodium	ppm	4	4	6	---
Potassium	ppm	1	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	6	5	---
Cuivre	ppm	8	4	4	---
Plomb	ppm	2	<1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	2	2	2	---
Chrome	ppm	<1	<1	<1	---
Molybdène	ppm	17	21	5	---
Nickel	ppm	<1	0	<1	---
Titane	ppm	25	31	43	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	0	<1	<1	---
Vanadium	ppm	0	<1	<1	---



ADDITIFS

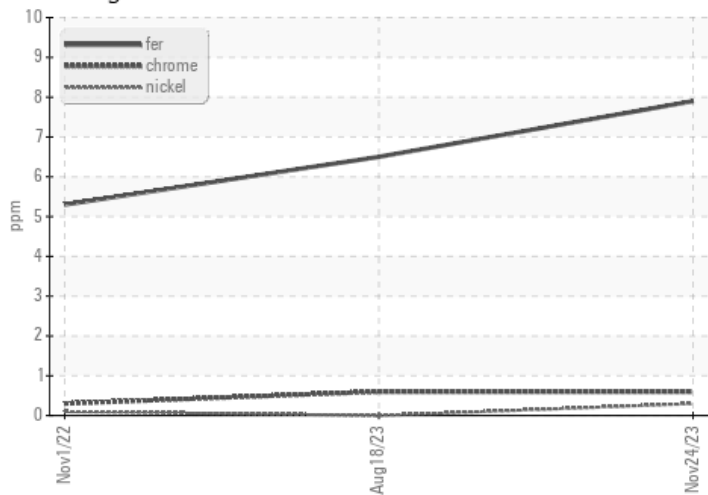
Calcium	ppm	1332	1412	1611	---
Magnésium	ppm	363	440	214	---
Zinc	ppm	914	983	900	---
Phosphore	ppm	810	917	869	---
Baryum	ppm	<1	0	0	---
Bore	ppm	44	53	73	---

Depot: CAVASH
Unique No: 5684817
Signed: Kevin Marson
Report Date: 01 Dec 2023

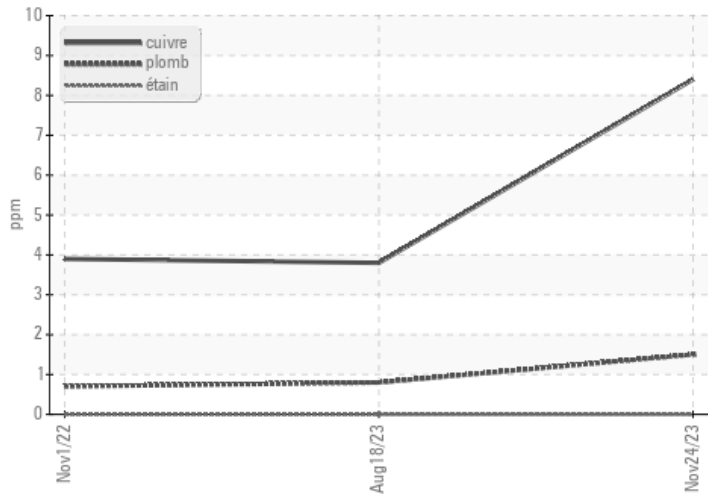


GRAPHS

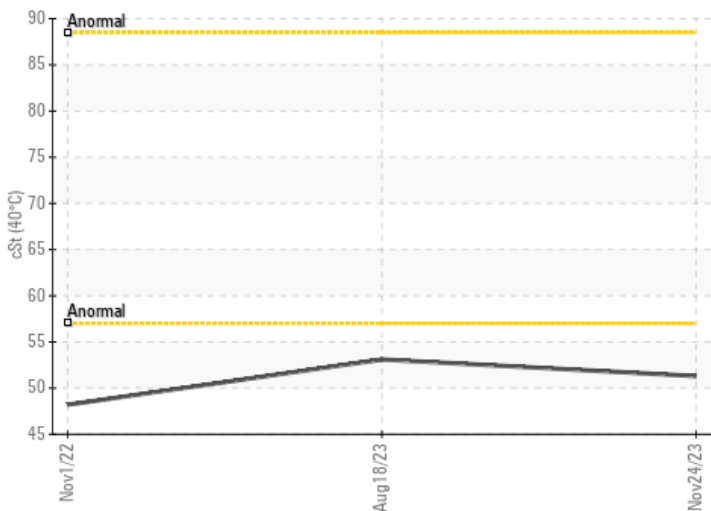
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

