

LIEBHERR

CONSTRUCTION EQUIPMENT



[(355226)] LIEBHERR R938 053191-1650 - Hydraulic System

Sample No: LH0284893

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284893	LH0279024	LH0274643	LH0195722
Date d'échant.	13 Feb 2024	01 Nov 2023	01 Nov 2023	26 Jul 2023
Heures de la Machine	3960	3610	3610	3133
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith



ÉTAT D'HUILE

Visc 40°C	cSt	57.6	49.9	48.8	52.1
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T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		495	2545	8642	1124
Particules >6µ		89	639	1835	302
Particules >14µ		7	28	114	29
ISO 4406:1999 (c)		16/14/10	19/16/12	20/18/14	17/15/12
Silicium	ppm	7	7	6	7
Sodium	ppm	4	5	4	4
Potassium	ppm	2	<1	<1	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. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	8	7	9	7
Cuivre	ppm	5	11	6	5
Plomb	ppm	<1	1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	2	1	1	2
Chrome	ppm	<1	<1	0	<1
Molybdène	ppm	14	13	18	16
Nickel	ppm	0	0	<1	0
Titane	ppm	29	27	20	31
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	<1



ADDITIFS

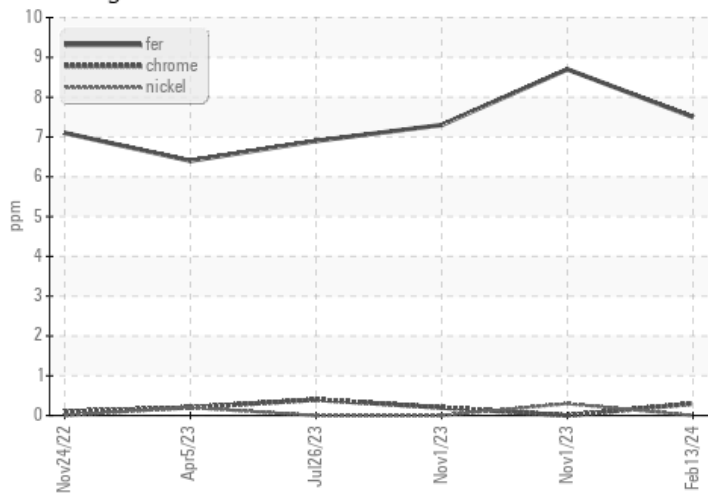
Calcium	ppm	1391	1425	1299	1460
Magnésium	ppm	384	360	321	417
Zinc	ppm	975	963	919	1020
Phosphore	ppm	877	842	809	984
Baryum	ppm	0	<1	<1	0
Bore	ppm	55	53	58	61

Depot: CAVASH
Unique No: 5734803
Signed: Kevin Marson
Report Date: 26 Feb 2024

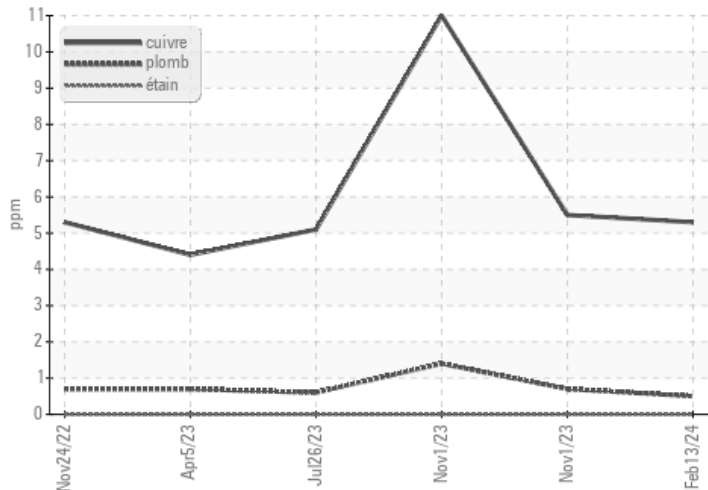


GRAPHS

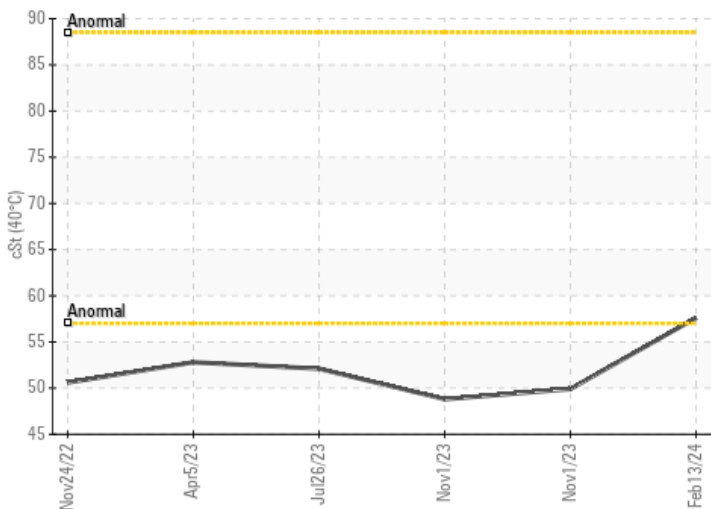
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

