

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358696)] LIEBHERR R924LC 050422-1487 - Hydraulic System

Sample No: LH0279022

Oil Type: LIEBHERR HYDRAULIC HVI



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0279022	LH0274641	LH0247161	LH0234862
Date d'échant.	02 Nov 2023	10 Sep 2023	06 Jan 2023	07 Jul 2022
Heures de la Machine	4516	4043	2975	2009
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Changed	Not Changd
Statut de l'échant.	ABNORMAL	SEVERE	ABNORMAL	NORMAL

SL EXCAVATION INC.
4626 COUNTY ROAD 29
ALMONTE, ON
CA K0A 1A0
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	42.7	41.3	41.6	41.9
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CONTAMINATION

Particules >4µ		11405	1128	10172	4588
Particules >6µ		3133	316	844	587
Particules >14µ		96	25	26	18
ISO 4406:1999 (c)		21/19/14	17/15/12	21/17/12	19/16/11
Silicium	ppm	5	8	4	5
Sodium	ppm	6	3	3	3
Potassium	ppm	0	<1	1	<1



MÉTAUX D'USURE

PQ		---	7	---	---
Fer	ppm	13	117	8	5
Cuivre	ppm	30	12	23	12
Plomb	ppm	5	1	4	2
Étain	ppm	1	0	1	<1
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	1	3	0	0
Molybdène	ppm	2	0	0	0
Nickel	ppm	<1	<1	<1	0
Titane	ppm	3	0	<1	<1
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	992	992	1290	1332
Magnésium	ppm	57	3	9	8
Zinc	ppm	750	652	687	673
Phosphore	ppm	628	568	644	608
Baryum	ppm	<1	<1	0	0
Bore	ppm	8	<1	<1	<1

T:
F:

Diagnostic

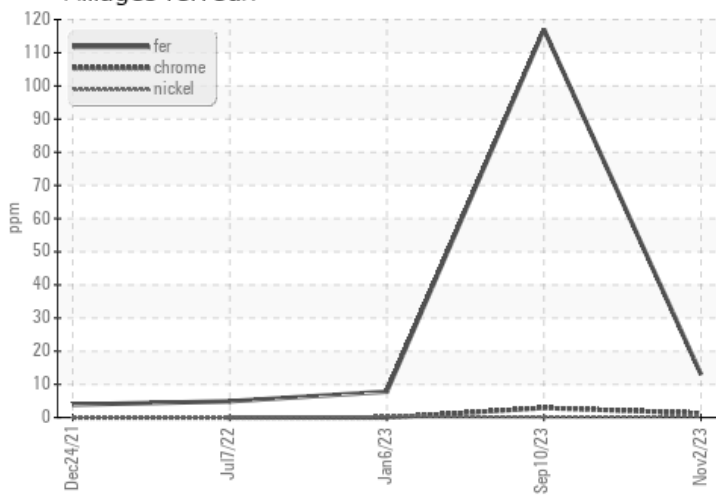
We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Lead and copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: SLEALM
Unique No: 5672115
Signed: Bill Quesnel
Report Date: 10 Nov 2023

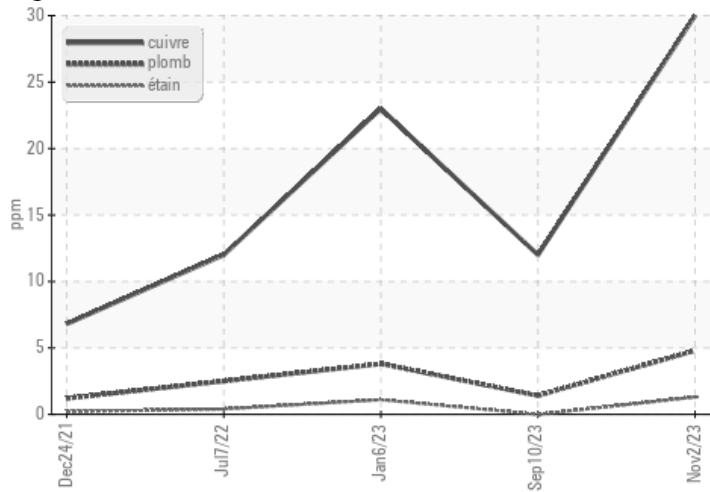


GRAPHS

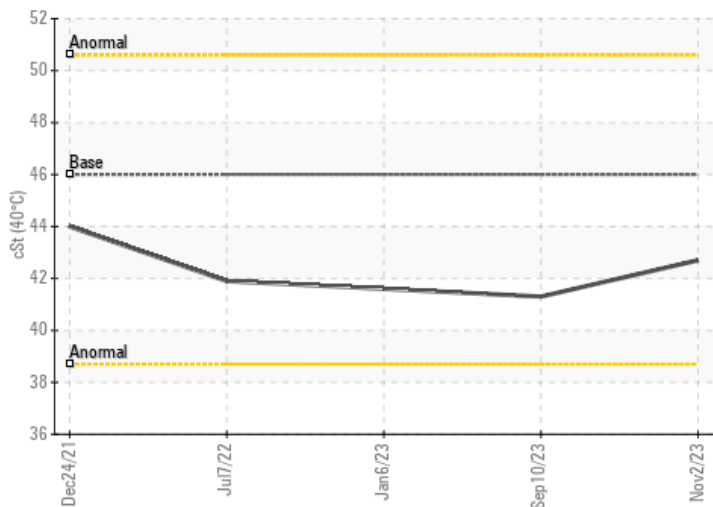
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

