

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353412)] LIEBHERR R926 052980-1827 - Hydraulic System

Sample No: LH0290894

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0290894	LH0281586	LH0274644	LH0247314
Date d'échant.	18 Jun 2024	15 Dec 2023	20 Sep 2023	03 Feb 2023
Heures de la Machine	4979	4507	4068	2931
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Not Changd	Not Changd
Statut de l'échant.	SEVERE	SEVERE	SEVERE	ABNORMAL

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



État d'huile

Visc 40°C	cSt	41.0	37.9	41.4	41.7

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		2394	6781	1550	28838
Particules >6µ		711	1733	406	129
Particules >14µ		41	52	23	7
ISO 4406:1999 (c)		18/17/13	20/18/13	18/16/12	22/14/10
Silicium	ppm	8	8	8	8
Sodium	ppm	4	3	3	3
Potassium	ppm	1	1	<1	<1

Diagnostic

Resample at the next service interval to monitor. Re-sampling is suggested to confirm test results prior to significant maintenance activities being performed. Please indicate that this is a resample on your Sample Information Form (SIF). Iron ppm levels are severe. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. 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

PQ		26	10	11	1
Fer	ppm	150	131	116	86
Cuivre	ppm	15	12	11	10
Plomb	ppm	1	2	1	1
Étain	ppm	0	0	0	<1
Aluminium	ppm	<1	1	<1	1
Chrome	ppm	4	3	3	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	0
Manganèse	ppm	3	2	2	2
Vanadium	ppm	0	0	0	<1



Additifs

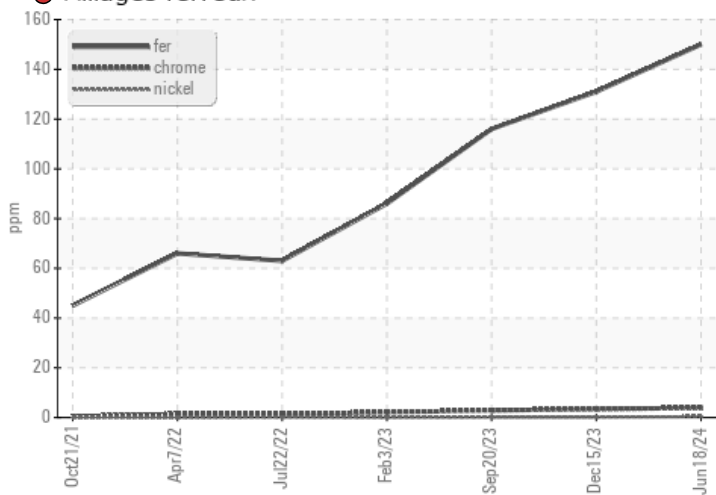
Calcium	ppm	977	1000	988	1145
Magnésium	ppm	3	6	3	3
Zinc	ppm	651	652	648	676
Phosphore	ppm	551	585	559	636
Baryum	ppm	<1	0	<1	0
Bore	ppm	1	<1	<1	<1

Depot: SLEALM
Unique No: 5800764
Signed: Kevin Marson
Report Date: 21 Jun 2024

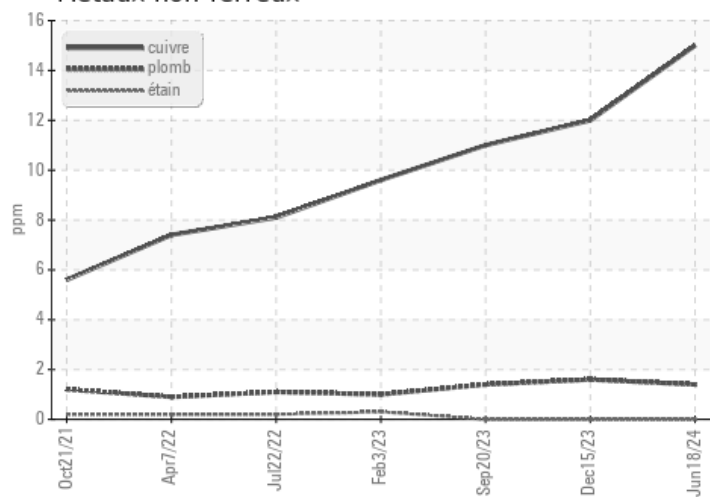


Graphs

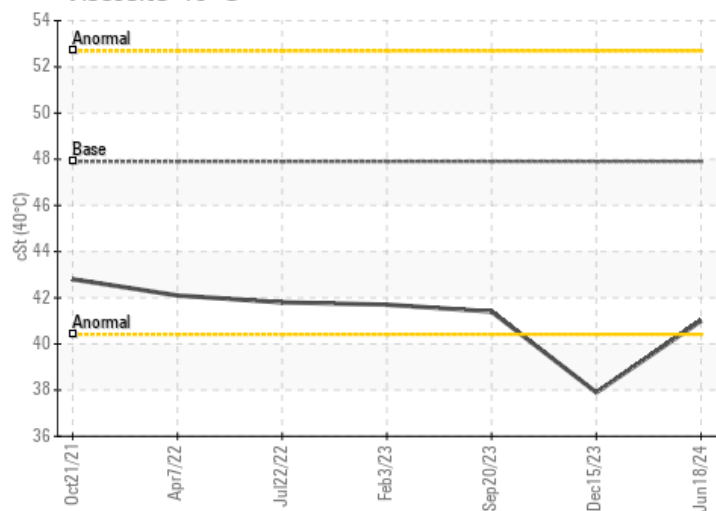
● Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

