



[(360524)] LIEBHERR R926 053645-1827 - Hydraulic System

Sample No: LH0216695

Oil Type: {unknown}



HAWKESBURY TRANSPORT EXCAVATION
668 MAIN STREET EAST, CP 715
HAWKESBURY, ON
CA K6A 1A9
Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0216695	LH0216688	LH0216681	---
Date d'échant.	12 Jun 2024	19 Nov 2023	07 Oct 2023	---
Heures de la Machine	4000	3000	2000	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	N/A	N/A	---
Statut de l'échant.	NORMAL	ATTENTION	NORMAL	---



État d'huile

Visc 40°C	cSt	42.0	42.6	42.8	---
Indice d'acidité	mg KOH/g	0.29	0.23	0.25	---



Contamination

Eau	%	0.004	NEG	NEG	---
Particules >4µ		7136	23415	13781	---
Particules >6µ		898	4218	625	---
Particules >14µ		42	273	10	---
ISO 4406:1999 (c)		20/17/13	22/19/15	21/16/10	---
Silicium	ppm	8	9	9	---
Sodium	ppm	1	<1	<1	---
Potassium	ppm	<1	<1	<1	---



Métaux d'usure

Fer	ppm	29	26	26	---
Cuivre	ppm	11	11	11	---
Plomb	ppm	0	<1	<1	---
Étain	ppm	0	0	<1	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	8	6	5	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	0	<1	0	---
Titane	ppm	0	0	0	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



Additifs

Calcium	ppm	4	5	3	---
Magnésium	ppm	<1	<1	0	---
Zinc	ppm	72	73	66	---
Phosphore	ppm	78	90	104	---
Baryum	ppm	0	<1	0	---
Bore	ppm	<1	<1	<1	---

T:
F:

Diagnostic

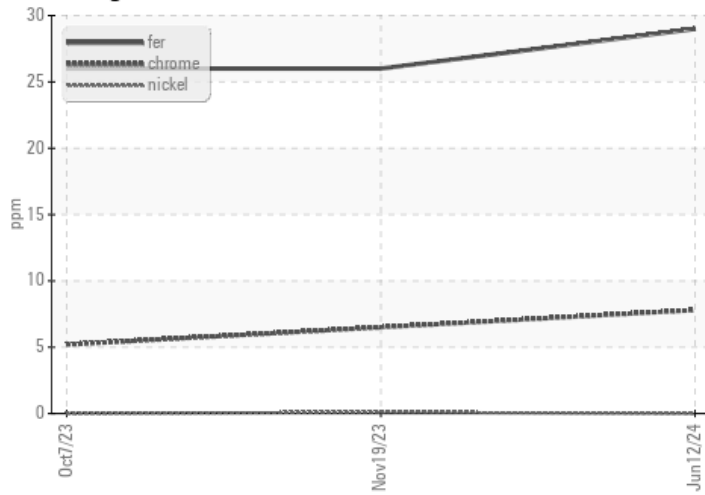
Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is ISO 46 Synthetic (PAG) Fire-Resistant Fluid. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable. The condition of the oil is suitable for further service.

Depot: HAW668HAW
Unique No: 5799310
Signed: Kevin Marson
Report Date: 17 Jun 2024

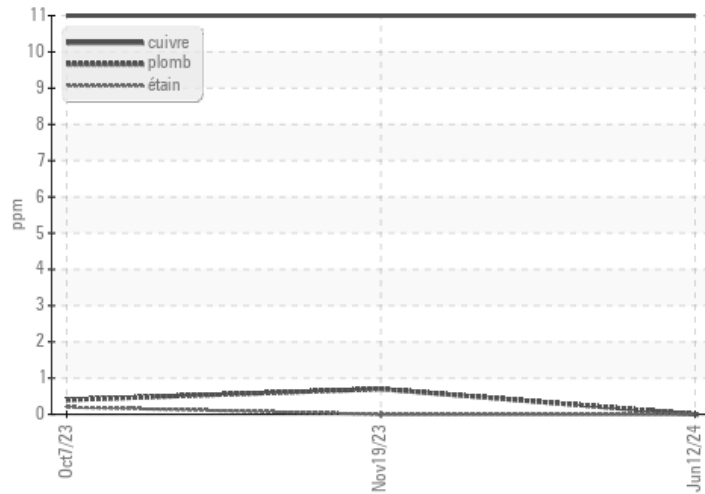


Graphs

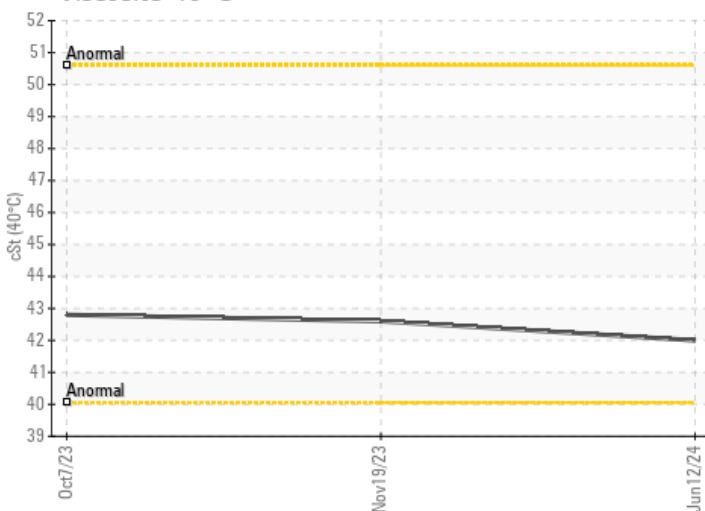
Alliages ferreux



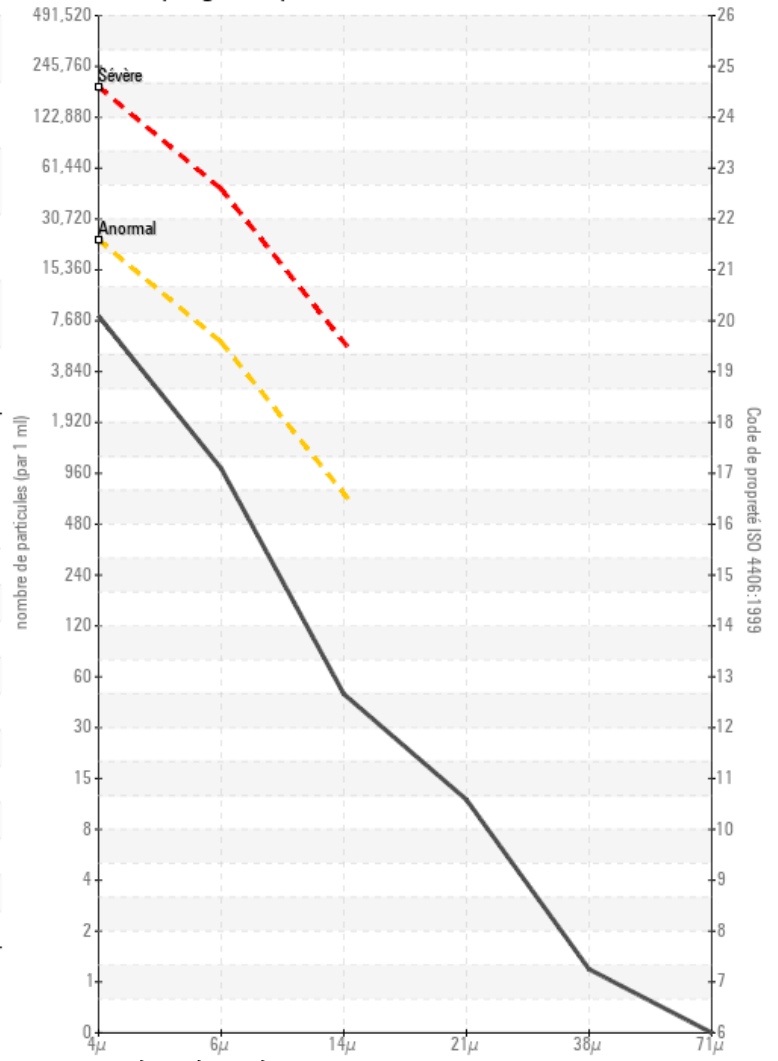
Métaux non-ferreux



Viscosité 40°C



Comptage de particules



Indice d'acidité

