

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944 079419 - Hydraulic System

Sample No: LH0292274

Oil Type: {unknown}



Liebherr Canada

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Information sur l'échantillon

Numéro d'échant.	LH0292274	---	---	---
Date d'échant.	11 Jul 2024	---	---	---
Heures de la Machine	16752	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	SEVERE	---	---	---



État d'huile

Visc 40°C	cSt	61.3	---	---	---
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Contamination

Eau	%	NEG	---	---	---
Particules >4µ		1956060	---	---	---
Particules >6µ		741425	---	---	---
Particules >14µ		2310	---	---	---
ISO 4406:1999 (c)		28/27/18	---	---	---
Silicium	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---



Métaux d'usure

Fer	ppm	6	---	---	---
Cuivre	ppm	4	---	---	---
Plomb	ppm	0	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	2	---	---	---
Chrome	ppm	<1	---	---	---
Molybdène	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additifs

Calcium	ppm	2143	---	---	---
Magnésium	ppm	7	---	---	---
Zinc	ppm	1067	---	---	---
Phosphore	ppm	967	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	1	---	---	---

Diagnostic

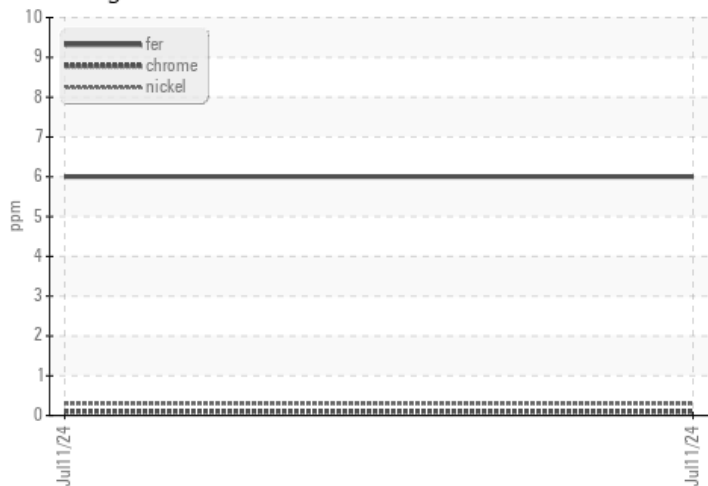
We advise that you check all areas where contaminants can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Resample in 30-45 days to monitor this situation. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80 Tractor TDH 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. There is a high amount of particulates (2 to 100 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: LIERIC
Unique No: 5813418
Signed: Kevin Marson
Report Date: 18 Jul 2024

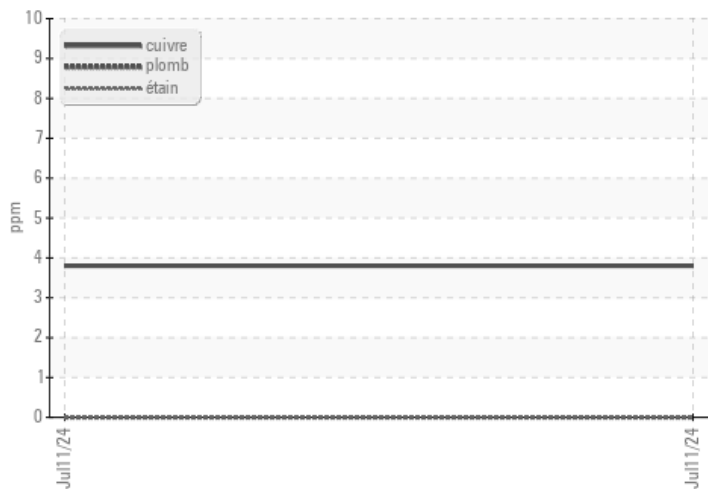


Graphs

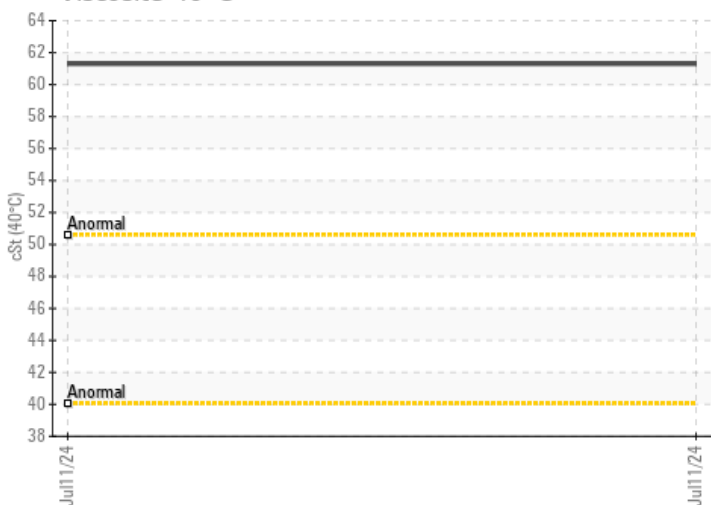
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

