

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 068511-1761 - Hydraulic System

Sample No: LH0261757

Oil Type: NOT GIVEN



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0261757	LH0261352	LH0256859	---
Date d'échant.	13 Jul 2023	24 May 2023	04 Apr 2023	---
Heures de la Machine	1492	1041	700	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Not Changd	---
Statut de l'échant.	SEVERE	NORMAL	ATTENTION	---

#### MILLER PAVING LTD.

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 MARKHAM, ON  
 CA L6G 1B2  
 Contact: Rob Graham  
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 T: (905)475-6660  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	42.1	44.3	45.8	---
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#### CONTAMINATION

Particules >4µ		122426	16378	25770	---
Particules >6µ		68879	946	2892	---
Particules >14µ		6430	7	9	---
ISO 4406:1999 (c)		24/23/20	21/17/10	22/19/10	---
Silicium	ppm	9	7	5	---
Sodium	ppm	2	2	2	---
Potassium	ppm	2	1	5	---



#### MÉTAUX D'USURE

Fer	ppm	13	8	6	---
Cuivre	ppm	3	2	2	---
Plomb	ppm	7	4	3	---
Étain	ppm	<1	<1	<1	---
Aluminium	ppm	3	2	1	---
Chrome	ppm	<1	<1	<1	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	<1	0	0	---
Titane	ppm	<1	<1	<1	---
Argent	ppm	2	0	0	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	1458	1486	1501	---
Magnésium	ppm	6	5	5	---
Zinc	ppm	727	699	696	---
Phosphore	ppm	679	691	680	---
Baryum	ppm	0	0	0	---
Bore	ppm	<1	<1	<1	---

#### Diagnostic

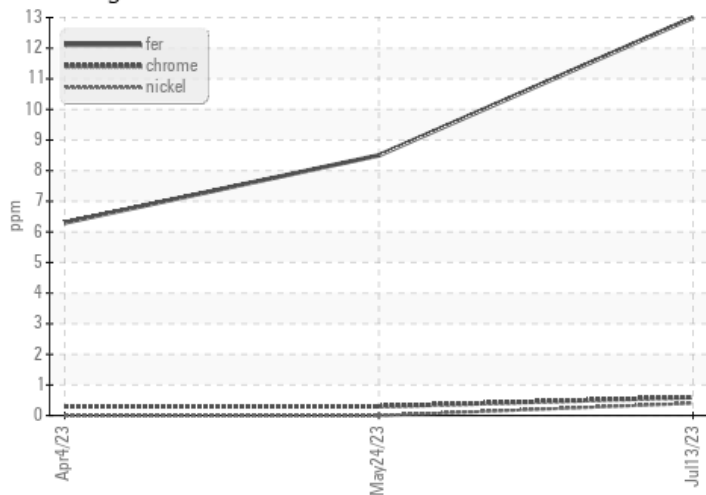
We advise that you check all areas where contaminants can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Resample in 30-45 days to monitor this situation. Please specify the brand, type, and viscosity 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: MIL408MAR2  
 Unique No: 5607744  
 Signed: Wes Davis  
 Report Date: 19 Jul 2023

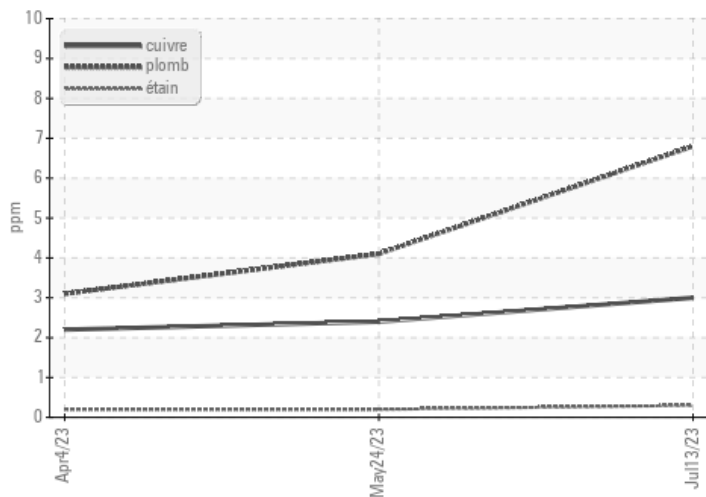


### GRAPHS

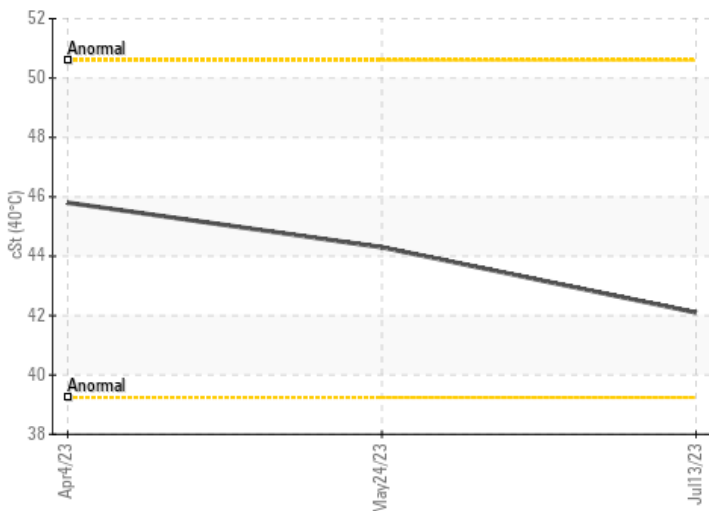
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

