

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L538 053298-1559 - Hydraulic System

Sample No: LH0276127

Oil Type: AW HYDRAULIC OIL ISO 46



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0276127	LH0257045	LH0230957	LH
Date d'échant.	14 Sep 2023	20 Mar 2023	17 Jun 2022	28 Sep 2021
Heures de la Machine	2567	2155	1651	975
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ATTENTION	ABNORMAL	ABNORMAL	ABNORMAL

**Dirt Cheap**  
43 Manitou Drive  
Kitchener, ON  
CA N2C 1K9  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	47.4	40.6	49.9	44.5

T:  
F:



#### CONTAMINATION

Particules >4µ		24462	79123	103339	45432
Particules >6µ		6689	8933	24600	6236
Particules >14µ		557	31	2102	32
ISO 4406:1999 (c)		22/20/16	23/20/12	24/22/18	23/20/12
Silicium	ppm	<1	3	3	2
Sodium	ppm	<1	3	3	2
Potassium	ppm	<1	2	2	2

#### Diagnostic

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	<1	18	11	8
Cuivre	ppm	0	4	5	3
Plomb	ppm	0	5	5	4
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	<1	<1	1
Chrome	ppm	0	2	2	<1
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	<1	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

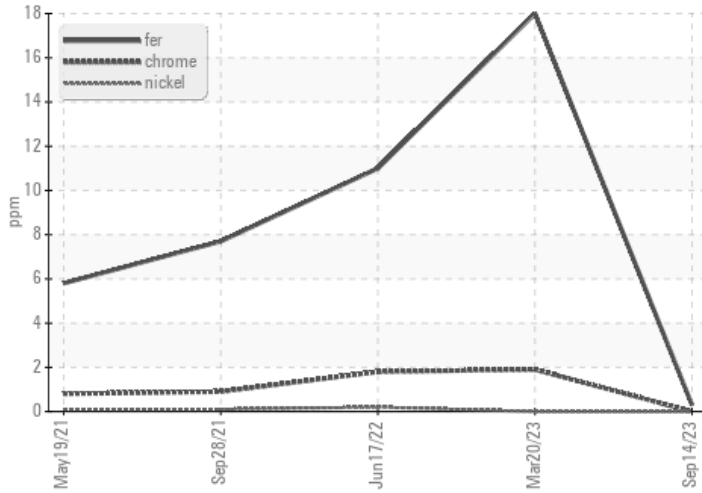
Calcium	ppm	100	1105	1254	1314
Magnésium	ppm	<1	10	10	10
Zinc	ppm	839	616	678	691
Phosphore	ppm	691	564	590	625
Baryum	ppm	0	0	0	0
Bore	ppm	0	2	1	2

**Depot:** DIRKIT  
**Unique No:** 5643925  
**Signed:** Bill Quesnel  
**Report Date:** 18 Sep 2023

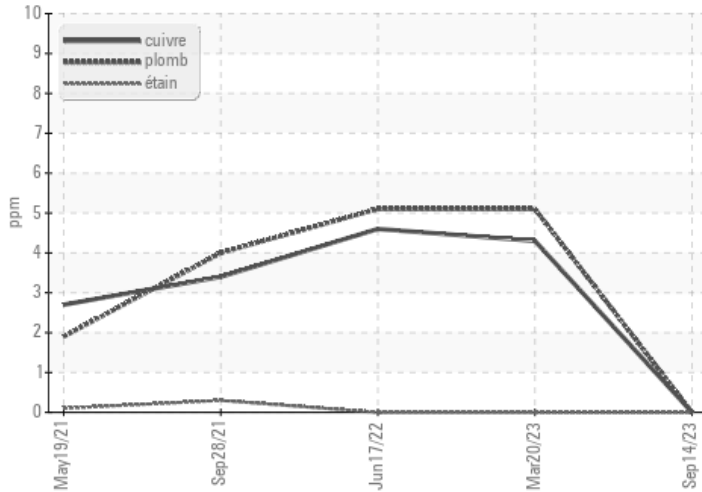


### GRAPHS

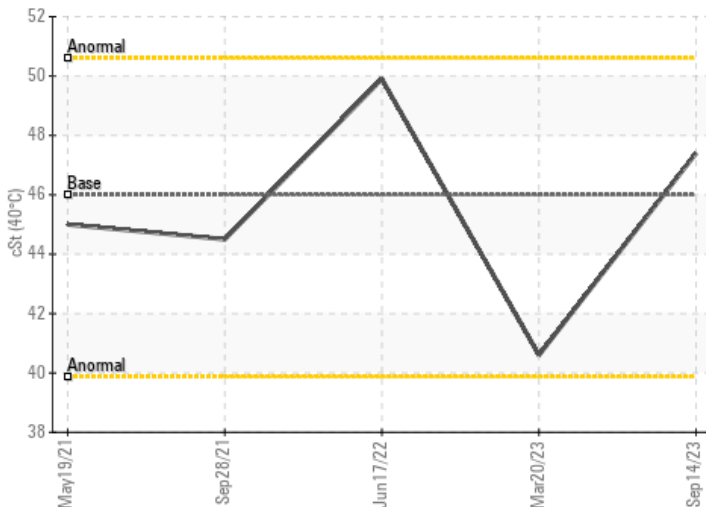
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

