



### LIEBHERR L586 055418-1334 - Hydraulic System

Sample No: LH0270256

Oil Type: AW HYDRAULIC OIL ISO 46



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270256	LH0274429	LH0256597	LH0251605
Date d'échant.	25 Sep 2023	15 Aug 2023	27 Mar 2023	26 Jan 2023
Heures de la Machine	12214	11526	10029	9397
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	N/A	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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 F:



#### ÉTAT D'HUILE

Visc 40°C	cSt	43.3	43.8	44.5	44.3



#### CONTAMINATION

Particules >4µ		7875	4407	1601	6631
Particules >6µ		1158	333	111	1922
Particules >14µ		20	13	5	206
ISO 4406:1999 (c)		20/17/11	19/16/11	18/14/10	20/18/15
Silicium	ppm	2	2	2	3
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	<1	<1	<1

#### Diagnostic

Resample at the next service interval to monitor. 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 condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	11	10	16	28
Cuivre	ppm	2	1	2	2
Plomb	ppm	3	3	3	5
Étain	ppm	0	0	0	<1
Aluminium	ppm	<1	1	1	2
Chrome	ppm	<1	<1	<1	1
Molybdène	ppm	0	0	<1	0
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

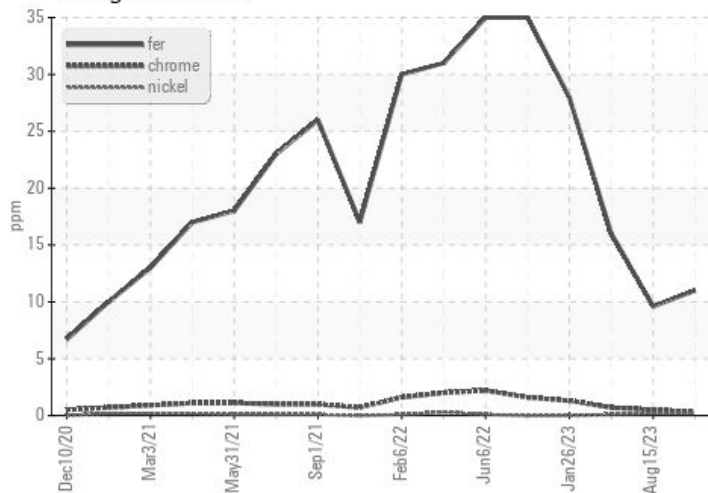
Calcium	ppm	161	156	258	397
Magnésium	ppm	2	2	6	4
Zinc	ppm	829	827	835	782
Phosphore	ppm	648	686	705	686
Baryum	ppm	<1	0	0	0
Bore	ppm	<1	<1	<1	1

**Depot:** CGCHAG  
**Unique No:** 5646321  
**Signed:** Kevin Marson  
**Report Date:** 27 Sep 2023

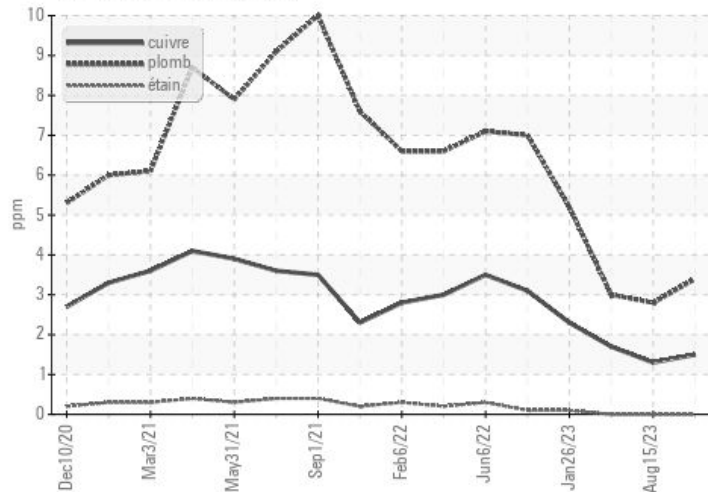


### GRAPHS

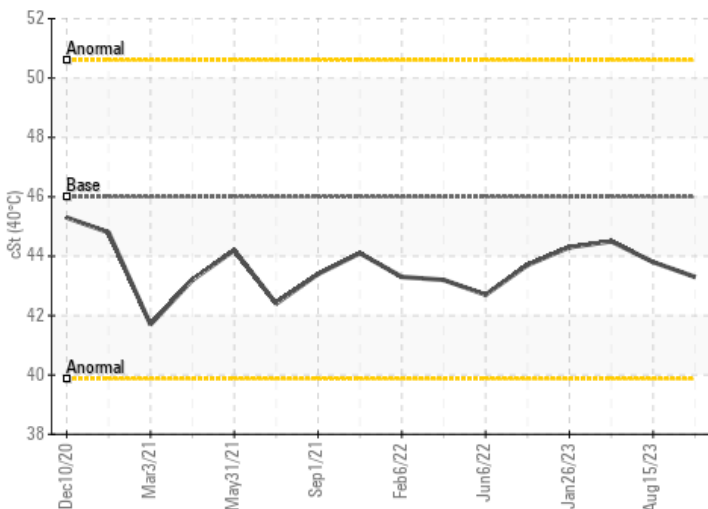
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

