

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340261)] 127769-1218 - Hydraulic System

Sample No: LH0296756

Oil Type: AW HYDRAULIC OIL ISO 46



#### Information sur l'échantillon

Numéro d'échant.	LH0296756	LH0276210	LH0276198	LH0278820
Date d'échant.	07 Jul 2024	21 May 2024	01 Apr 2024	14 Nov 2023
Heures de la Machine	14597	14141	13601	12136
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	N/A
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	NORMAL

#### GERDAU AMERISTEEL

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#### État d'huile

Visc 40°C	cSt	42.8	42.7	42.7	43.5



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		814	2746	33994	3687
Particules >6µ		204	606	7190	1025
Particules >14µ		20	42	415	71
ISO 4406:1999 (c)		17/15/11	19/16/13	22/20/16	19/17/13
Silicium	ppm	1	<1	<1	0
Sodium	ppm	1	<1	2	0
Potassium	ppm	<1	<1	<1	0



#### Métaux d'usure

Fer	ppm	19	19	18	15
Cuivre	ppm	3	3	2	2
Plomb	ppm	0	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	4	4	3	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	0	0
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	78	83	80	86
Magnésium	ppm	2	2	2	2
Zinc	ppm	536	535	523	525
Phosphore	ppm	421	427	422	423
Baryum	ppm	0	0	0	<1
Bore	ppm	<1	<1	<1	<1

#### Diagnostic

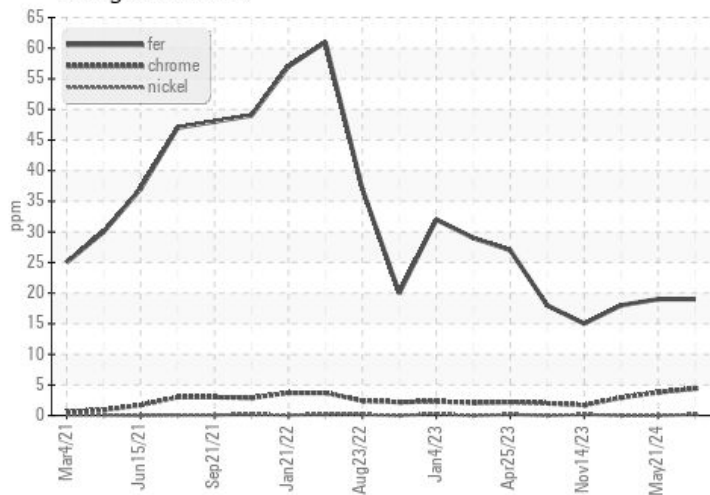
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI  
Unique No: 5811848  
Signed: Wes Davis  
Report Date: 09 Jul 2024

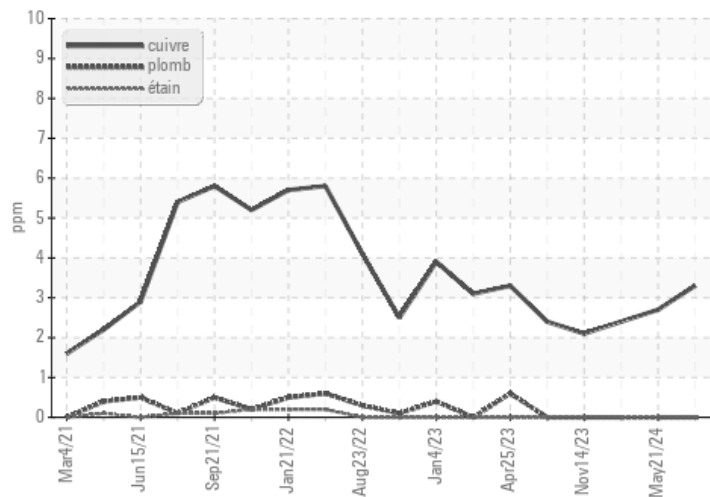


### Graphs

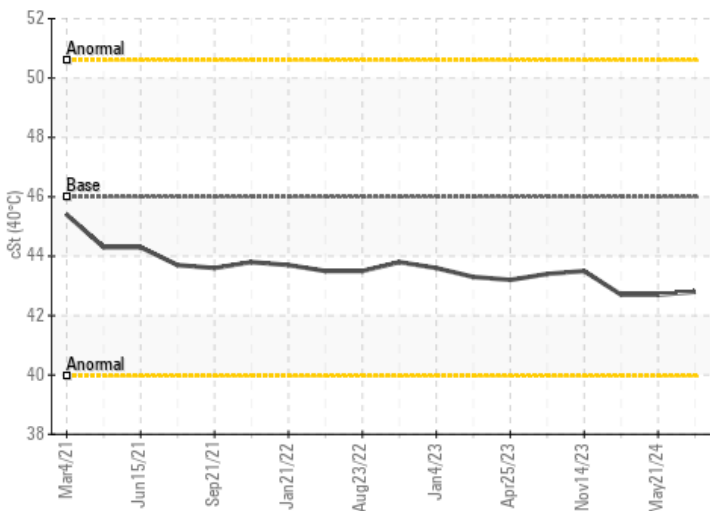
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

