

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(343446)] LIEBHERR LH60M 124381-1217 - Hydraulic System

Sample No: LH0296544

Oil Type: AW HYDRAULIC OIL ISO 32



#### Information sur l'échantillon

Numéro d'échant.	LH0296544	LH0289733	LH0289699	LH0285015
Date d'échant.	07 Jul 2024	27 May 2024	16 Apr 2024	12 Feb 2024
Heures de la Machine	14056	13670	13245	12500
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Changed	Not Changd
Statut de l'échant.	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

#### RAM IRON AND METAL

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#### État d'huile

Visc 40°C	cSt	33.1	33.0	32.9	37.2



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		835	5524	6420	5380
Particules >6µ		178	1106	1500	1414
Particules >14µ		13	41	82	89
ISO 4406:1999 (c)		17/15/11	20/17/13	20/18/14	20/18/14
Silicium	ppm	0	0	0	<1
Sodium	ppm	<1	<1	2	<1
Potassium	ppm	<1	0	0	<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	7	7	7	8
Cuivre	ppm	1	1	1	1
Plomb	ppm	0	0	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	0	0	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additifs

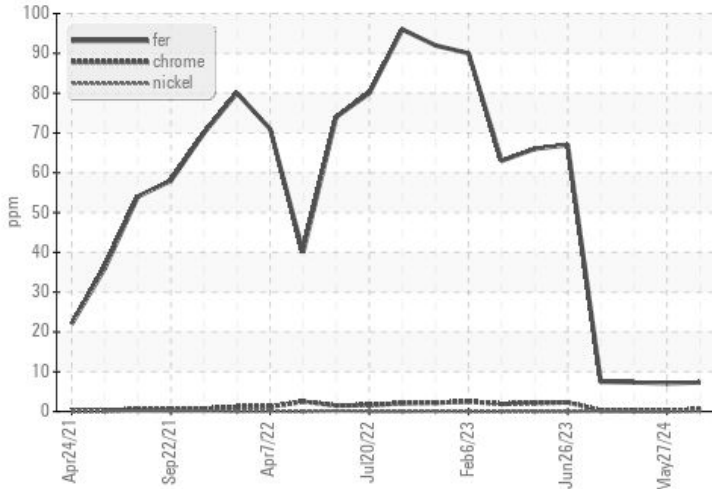
Calcium	ppm	54	57	57	69
Magnésium	ppm	2	2	1	2
Zinc	ppm	337	345	345	361
Phosphore	ppm	269	280	276	295
Baryum	ppm	0	0	0	0
Bore	ppm	1	<1	<1	<1

Depot: RAMTOR  
Unique No: 5811845  
Signed: Kevin Marson  
Report Date: 09 Jul 2024

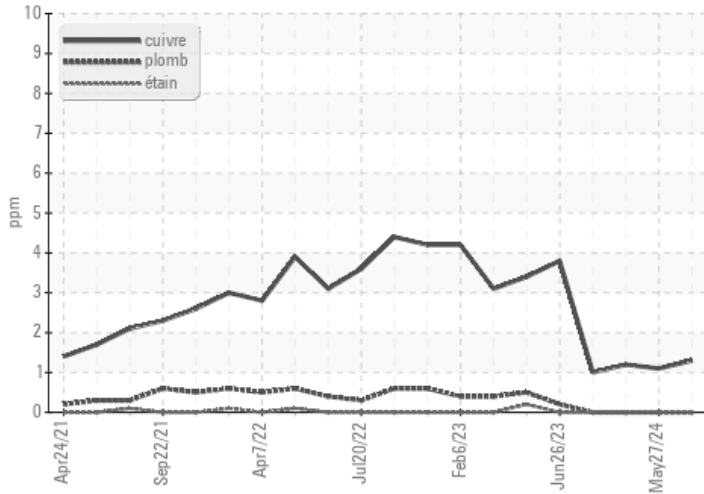


### Graphs

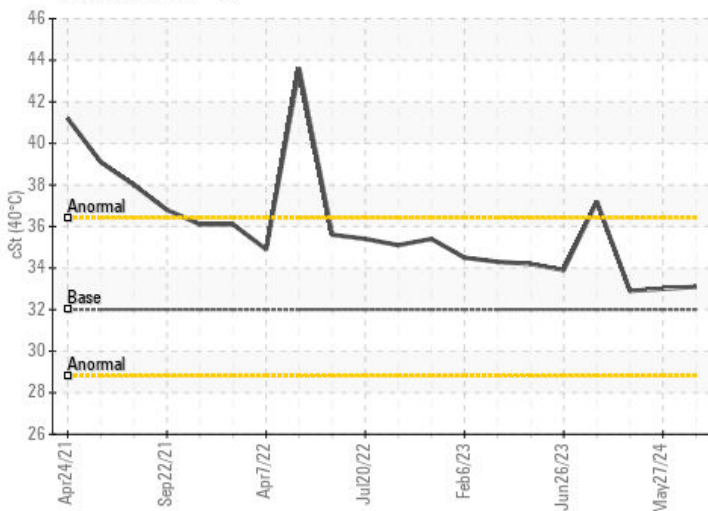
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

