



### LIEBHERR LH50M 123311-1216 - Hydraulic System

Sample No: LH0289495

Oil Type: AW HYDRAULIC OIL ISO 46



**LONDON SALVAGE & TRADING LTD.**  
 333 EGERTON ST  
 LONDON, ON  
 CA N5Z 2H3  
 Contact: SERVICE MANAGER  
 terry@londonsalvage.com  
 T: (519)451-0680  
 F: (519)659-3576



#### Information sur l'échantillon

Numéro d'échant.	LH0289495	LH0285033	LH0277530	LH0261369
Date d'échant.	25 Apr 2024	29 Jan 2024	27 Nov 2023	01 May 2023
Heures de la Machine	8177	0	7310	6153
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	N/A	Not Changd	Not Changd
Statut de l'échant.	NORMAL	ABNORMAL	NORMAL	MARGINAL



#### État d'huile

Visc 40°C	cSt	43.2	42.9	42.9	43.1



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		4312	63195	5921	6140
Particules >6µ		1107	17343	1615	1626
Particules >14µ		61	478	94	99
ISO 4406:1999 (c)		19/17/13	23/21/16	20/18/14	20/18/14
Silicium	ppm	0	<1	<1	<1
Sodium	ppm	<1	1	1	<1
Potassium	ppm	<1	1	<1	0



#### Métaux d'usure

Fer	ppm	41	48	45	39
Cuivre	ppm	2	3	2	2
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	2	2	2
Molybdène	ppm	0	0	0	<1
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	248	305	294	354
Magnésium	ppm	5	6	6	6
Zinc	ppm	522	553	551	580
Phosphore	ppm	421	438	442	519
Baryum	ppm	0	0	<1	0
Bore	ppm	1	1	2	2

#### Diagnostic

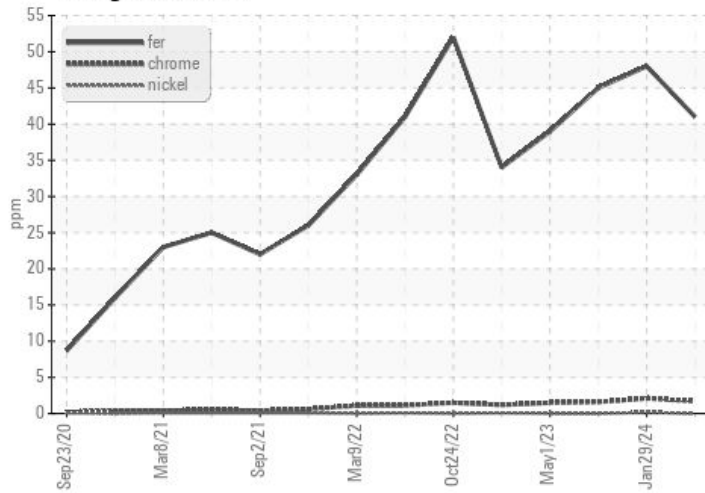
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: LON333LON  
 Unique No: 5772833  
 Signed: Wes Davis  
 Report Date: 29 Apr 2024

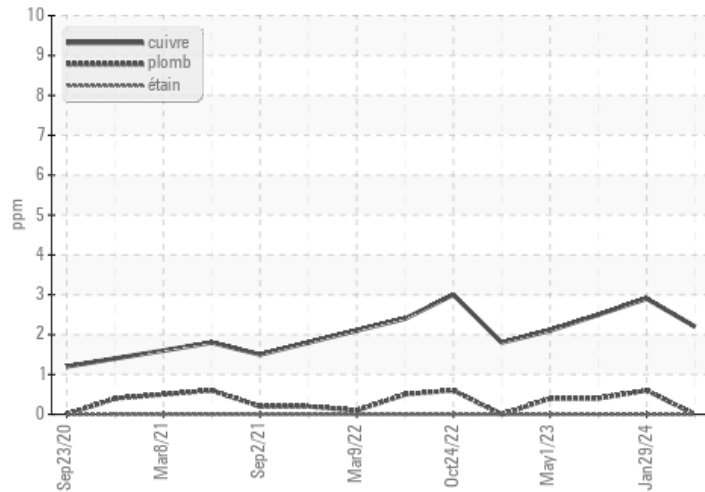


### Graphs

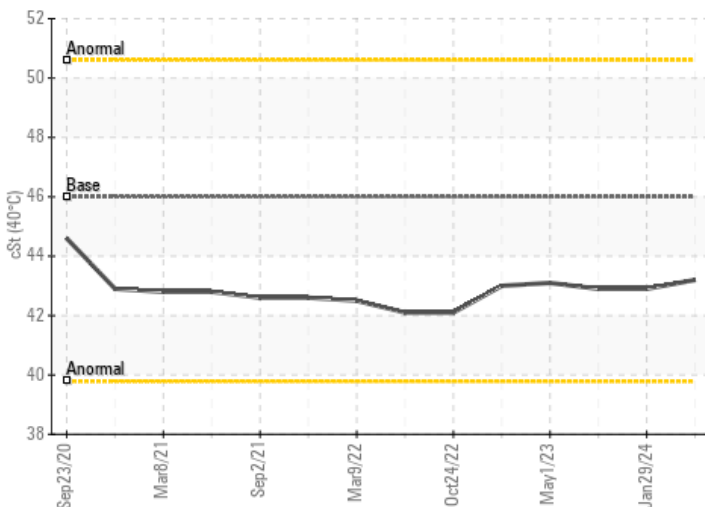
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

