

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 123311-1216 - Hydraulic System

Sample No: LH0277530

Oil Type: AW HYDRAULIC OIL ISO 46



LONDON SALVAGE & TRADING LTD.
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277530	LH0261369	LH0251599	LH0242494
Date d'échant.	27 Nov 2023	01 May 2023	06 Feb 2023	24 Oct 2022
Heures de la Machine	7310	6153	5640	5011
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Changed
Statut de l'échant.	NORMAL	MARGINAL	ATTENTION	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	42.9	43.1	43.0	42.1



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		5921	6140	18790	10268
Particules >6µ		1615	1626	5409	3245
Particules >14µ		94	99	478	214
ISO 4406:1999 (c)		20/18/14	20/18/14	21/20/16	21/19/15
Silicium	ppm	<1	<1	<1	1
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	<1	0	<1	<1



MÉTAUX D'USURE

Fer	ppm	45	39	34	52
Cuivre	ppm	2	2	2	3
Plomb	ppm	<1	<1	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	2	1	2
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	294	354	357	580
Magnésium	ppm	6	6	6	7
Zinc	ppm	551	580	581	553
Phosphore	ppm	442	519	511	508
Baryum	ppm	<1	0	0	0
Bore	ppm	2	2	2	<1

Diagnostic

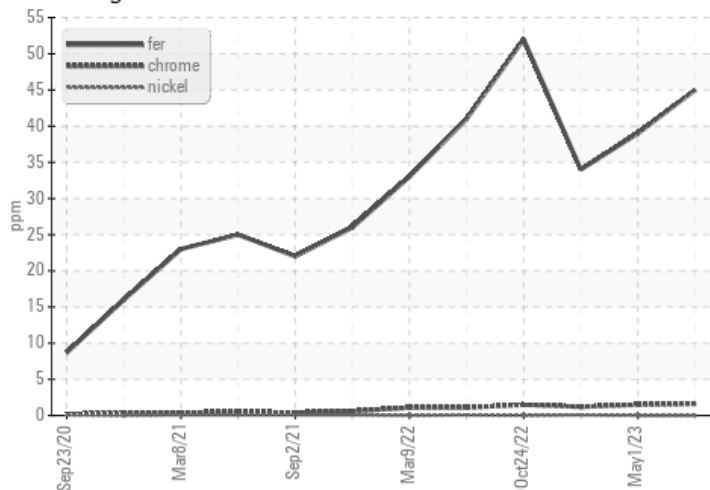
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: LON333LON
 Unique No: 5684524
 Signed: Wes Davis
 Report Date: 30 Nov 2023

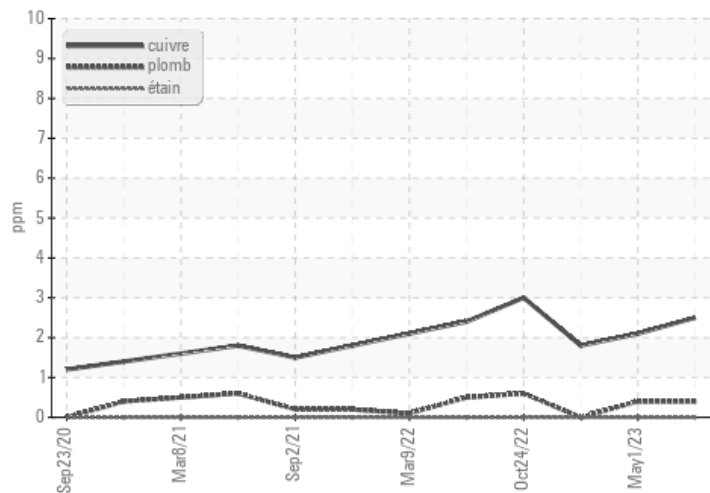


GRAPHS

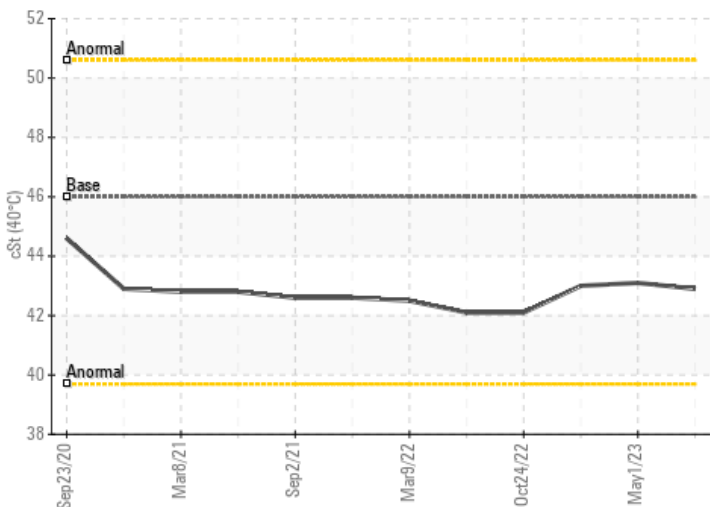
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

