

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124550-1216 - Hydraulic System

Sample No: LH0270142

Oil Type: LIEBHERR HYDRAULIC HVI



COMBINED METAL INDUSTRIES-PUBLIC YARD
129 FENMAR DR
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270142	LH0270580	LH0265845	LH0256664
Date d'échant.	27 Sep 2023	01 Aug 2023	11 Jun 2023	11 Apr 2023
Heures de la Machine	12565	11935	11340	10794
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	41.3	41.3	41.2	41.3



CONTAMINATION

Particules >4µ		5916	1428	7244	67913
Particules >6µ		2036	413	1542	17603
Particules >14µ		179	35	66	639
ISO 4406:1999 (c)		20/18/15	18/16/12	20/18/13	23/21/16
Silicium	ppm	2	2	1	1
Sodium	ppm	1	1	<1	<1
Potassium	ppm	0	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	28	27	32	32
Cuivre	ppm	2	2	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	2	2	2
Molybdène	ppm	0	<1	0	<1
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	169	172	211	222
Magnésium	ppm	4	4	5	6
Zinc	ppm	751	755	768	787
Phosphore	ppm	589	625	668	677
Baryum	ppm	<1	0	0	0
Bore	ppm	<1	<1	<1	<1

Diagnostic

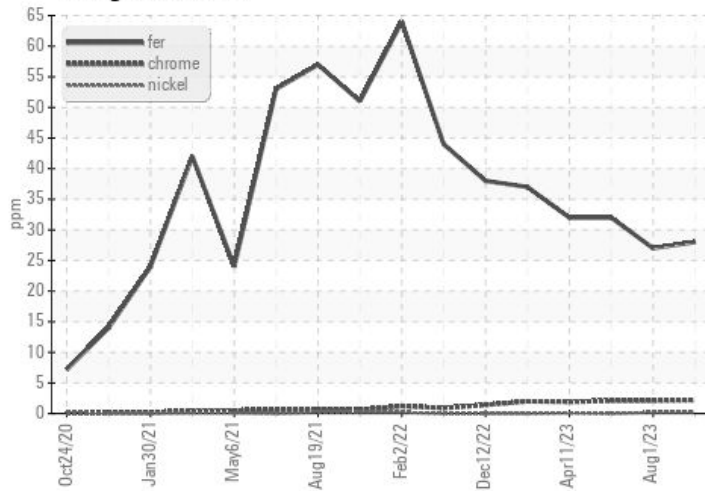
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: COMTOR
Unique No: 5654958
Signed: Kevin Marson
Report Date: 02 Oct 2023

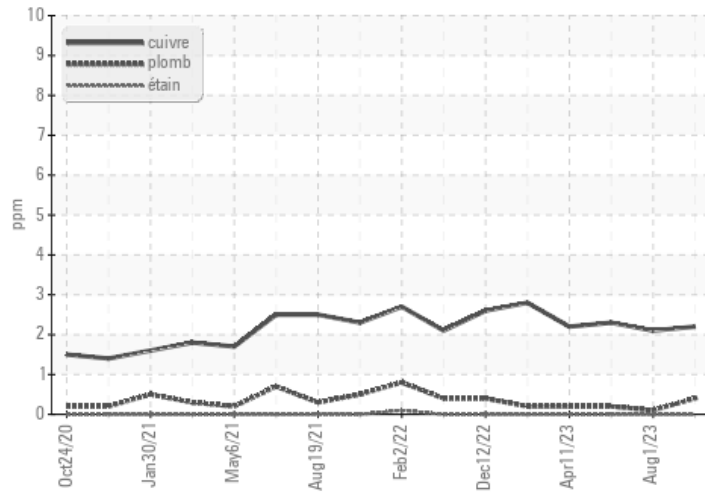


GRAPHS

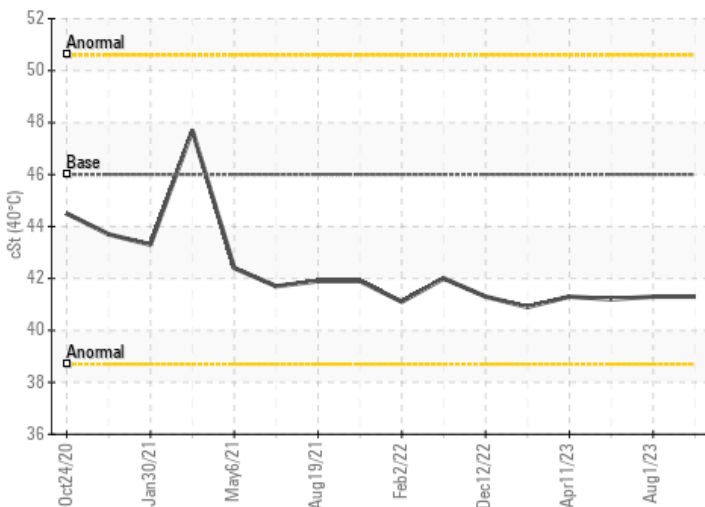
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

