

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R924 054969-1487 - Hydraulic System

Sample No: LH0286669

Oil Type: LIEBHERR HYDRAULIC HVI



Information sur l'échantillon

Numéro d'échant.	LH0286669	LH0291267	LH0278948	---
Date d'échant.	26 Jun 2024	27 May 2024	26 Jan 2024	---
Heures de la Machine	3176	2977	2495	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Not Changd	---
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	---

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État d'huile

Visc 40°C	cSt	42.5	42.2	42.9	---
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Contamination

Eau	%	NEG	NEG	NEG	---
Particules >4µ		2623	32053	4256	---
Particules >6µ		685	8253	751	---
Particules >14µ		32	274	31	---
ISO 4406:1999 (c)		19/17/12	22/20/15	19/17/12	---
Silicium	ppm	5	5	5	---
Sodium	ppm	4	4	4	---
Potassium	ppm	<1	<1	1	---



Métaux d'usure

Fer	ppm	7	7	6	---
Cuivre	ppm	73	80	63	---
Plomb	ppm	10	11	9	---
Étain	ppm	2	3	2	---
Aluminium	ppm	1	<1	1	---
Chrome	ppm	<1	<1	<1	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	<1	0	0	---
Titane	ppm	<1	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	<1	<1	0	---
Vanadium	ppm	0	0	0	---



Additifs

Calcium	ppm	1063	1141	1077	---
Magnésium	ppm	8	4	4	---
Zinc	ppm	691	686	682	---
Phosphore	ppm	573	578	579	---
Baryum	ppm	<1	<1	0	---
Bore	ppm	<1	<1	<1	---

Diagnostic

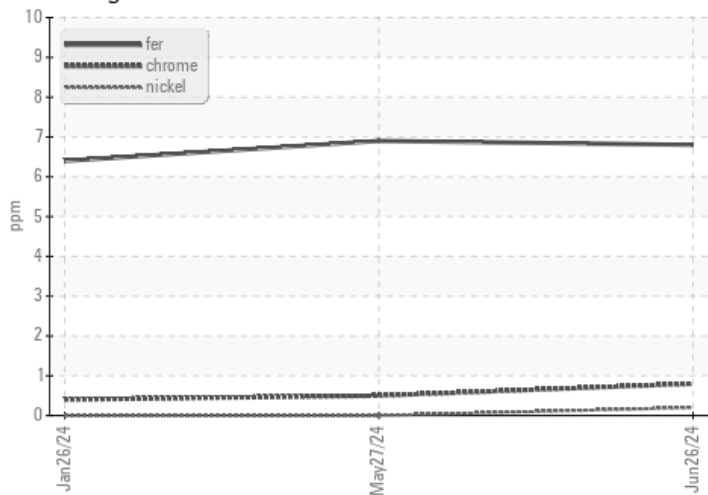
We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Copper and lead ppm levels are abnormal. Bearing and/or bushing wear is indicated. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CLOPEM
 Unique No: 5811469
 Signed: Kevin Marson
 Report Date: 08 Jul 2024

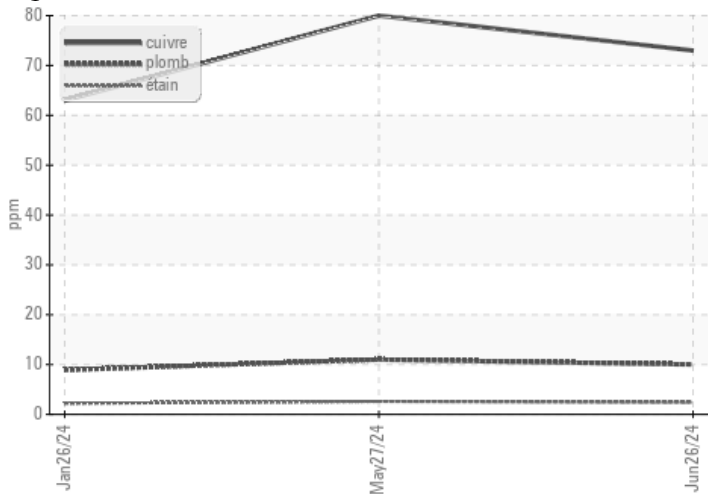


Graphs

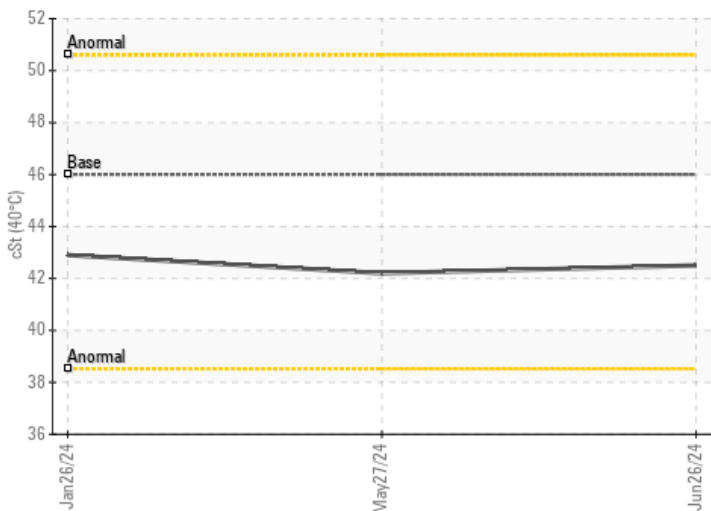
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

