

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 113527-1216 - Hydraulic System

Sample No: LH0284315

Oil Type: AW HYDRAULIC OIL ISO 46



LIEBHERR CANADA LTEE
 444 AVENUE DE LA FRICHE
 DOLBEAU-MISTASSINI, QC
 CA G8L 3M7
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 martin.gagnon@liebherr.com
 T:
 F: (418)276-9844



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284315	LH	---	---
Date d'échant.	13 Mar 2024	13 Mar 2023	---	---
Heures de la Machine	6512	0	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changed	N/A	---	---
Statut de l'échant.	NORMAL	ABNORMAL	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	● 39.9	● 43.0	---	---
Visc 100°C	cSt	---	● 7.4	---	---
Indice de viscosité (VI)	Scale	---	137	---	---



CONTAMINATION

Eau	%	NEG	NEG	---	---
Particules >4µ		● 6456	● 96755	---	---
Particules >6µ		● 1398	● 12267	---	---
Particules >14µ		● 46	● 40	---	---
ISO 4406:1999 (c)		20/18/13	24/21/12	---	---
Silicium	ppm	● <1	● 2	---	---
Sodium	ppm	● <1	● 2	---	---
Potassium	ppm	● <1	● <1	---	---



MÉTAUX D'USURE

PQ		---	● 12	---	---
Fer	ppm	● 44	● 82	---	---
Cuivre	ppm	● 2	● 4	---	---
Plomb	ppm	● 0	● <1	---	---
Étain	ppm	● 0	● <1	---	---
Aluminium	ppm	● <1	● <1	---	---
Chrome	ppm	● <1	● 2	---	---
Molybdène	ppm	● 0	0	---	---
Nickel	ppm	● 0	● 0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	● <1	1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIFS

Calcium	ppm	● 276	743	---	---
Magnésium	ppm	● 2	4	---	---
Zinc	ppm	● 625	407	---	---
Phosphore	ppm	● 522	445	---	---
Baryum	ppm	● 0	0	---	---
Bore	ppm	● <1	<1	---	---

Diagnostic

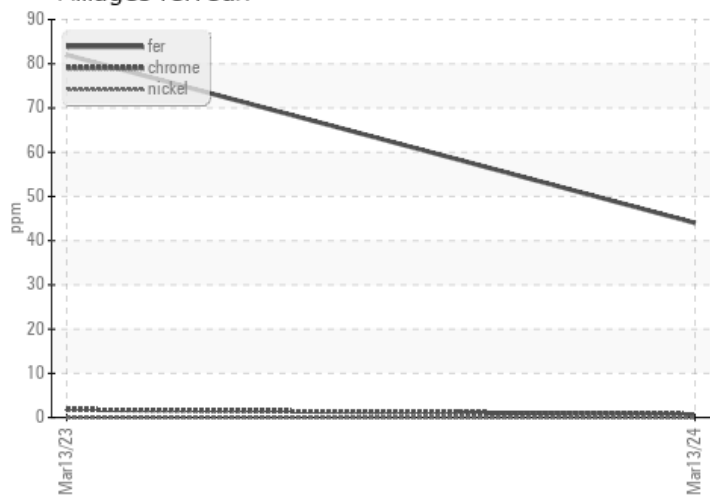
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: LBADOL
 Unique No: 5747495
 Signed: Kevin Marson
 Report Date: 18 Mar 2024

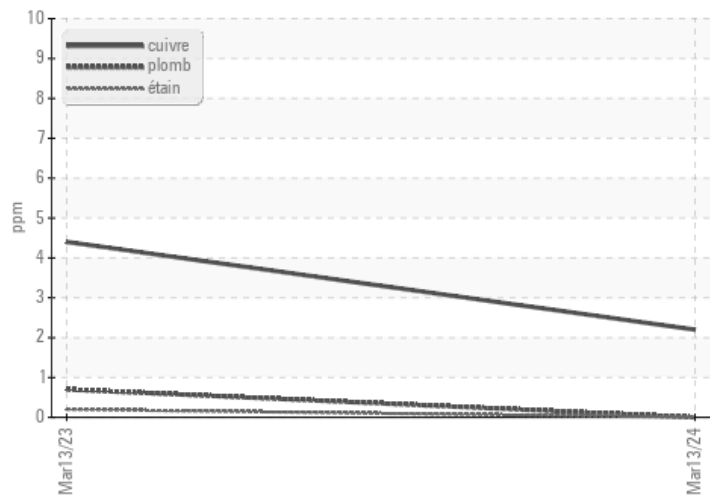


GRAPHS

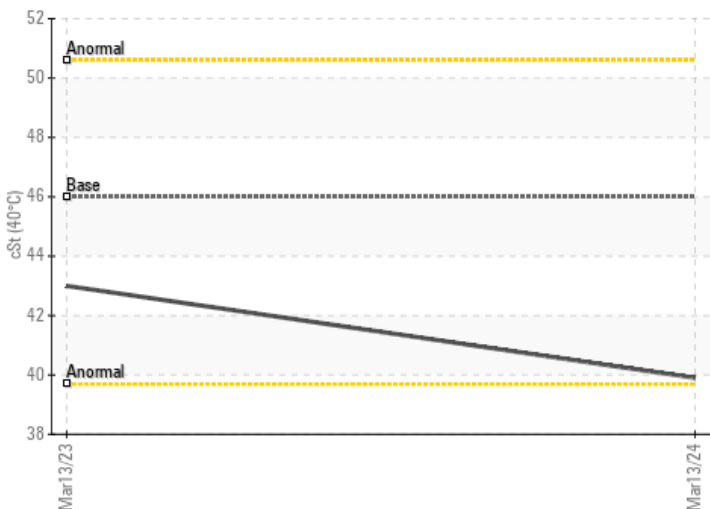
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

