

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 116354-1215 - Hydraulic System

Sample No: LH0277637

Oil Type: LIEBHERR HYDRAULIC HVI



KIMCO STEEL SALES LTD.
1325 JOHN COUNTER BLVD
KINGSTON, ON
CA K7L 4W1
Contact: David Roy
doug@kimcosteel.com
T: (800)267-0902
F: (613)548-4653



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277637	LH0150656	LH0193094	LH0192987
Date d'échant.	20 Oct 2023	23 Nov 2021	02 Jun 2021	26 Mar 2021
Heures de la Machine	9503	5042	3933	3507
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	42.2	41.4	42.1	41.8
Indice d'acidité	mg KOH/g	---	1.09	---	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		4847	2281	2189	364
Particules >6µ		773	669	509	59
Particules >14µ		9	45	32	5
ISO 4406:1999 (c)		19/17/10	18/17/13	18/16/12	16/13/10
Silicium	ppm	2	2	2	2
Sodium	ppm	3	2	2	2
Potassium	ppm	4	1	2	1



MÉTAUX D'USURE

Fer	ppm	28	39	32	27
Cuivre	ppm	3	4	4	3
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	<1	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	1	1	<1
Molybdène	ppm	6	<1	<1	<1
Nickel	ppm	<1	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	508	1071	1019	1047
Magnésium	ppm	34	8	7	7
Zinc	ppm	625	654	643	660
Phosphore	ppm	521	600	544	543
Baryum	ppm	<1	0	<1	<1
Bore	ppm	15	1	<1	1

Diagnostic

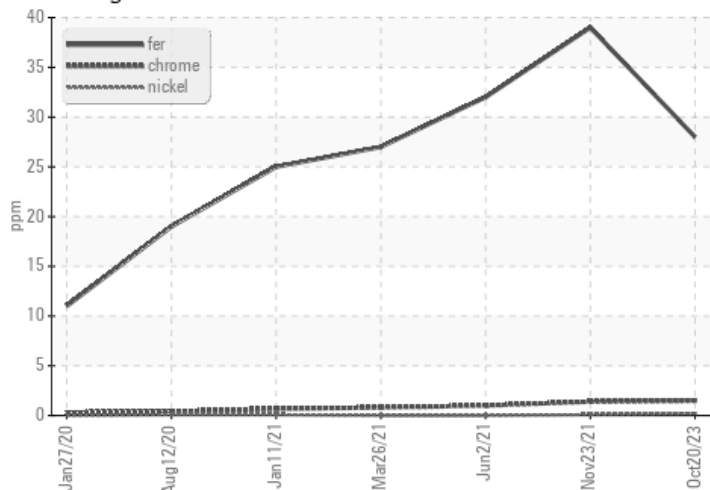
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate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

Depot: KIMKIN
Unique No: 5694670
Signed: Kevin Marson
Report Date: 08 Dec 2023

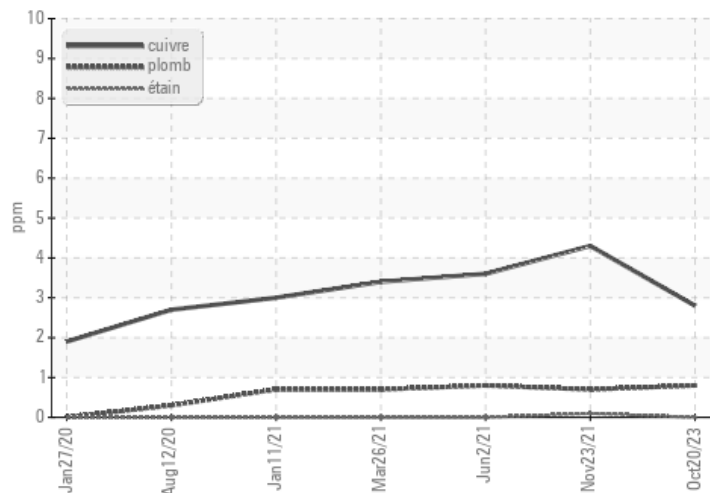


GRAPHS

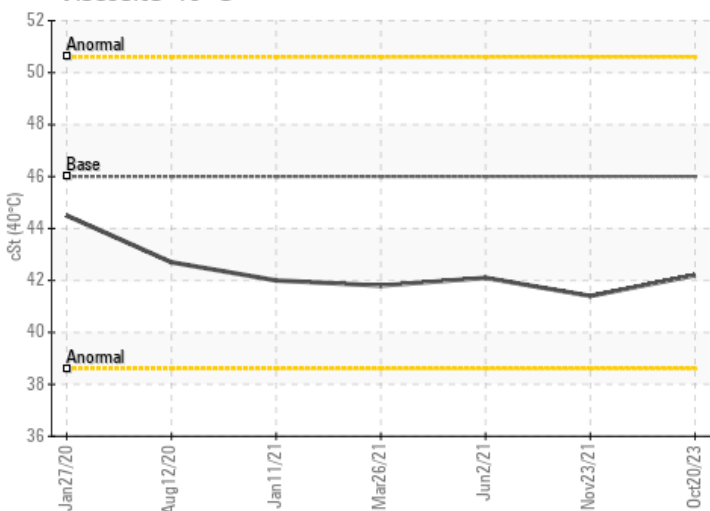
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

