

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] 135287-1218 - Hydraulic System

Sample No: LH0276240

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0276240	LH0274822	LH0284937	LH0277419
Date d'échant.	07 May 2024	04 Mar 2024	08 Feb 2024	23 Oct 2023
Heures de la Machine	11139	10640	10128	8967
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Not Changd
Statut de l'échant.	NORMAL	ATTENTION	ABNORMAL	NORMAL

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État d'huile

Visc 40°C	cSt	43.9	43.6	43.3	43.7



Contamination

Eau	%	NEG	NEG	0.089	NEG
Particules >4µ		3717	23819	72535	1953
Particules >6µ		879	6173	22140	658
Particules >14µ		39	208	806	30
ISO 4406:1999 (c)		19/17/12	22/20/15	23/22/17	18/17/12
Silicium	ppm	0	1	3	3
Sodium	ppm	<1	<1	<1	1
Potassium	ppm	0	<1	<1	<1



Métaux d'usure

Fer	ppm	13	16	31	29
Cuivre	ppm	2	2	4	3
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	0
Chrome	ppm	2	2	4	3
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	125	154	211	225
Magnésium	ppm	2	1	3	3
Zinc	ppm	571	600	520	551
Phosphore	ppm	456	495	432	448
Baryum	ppm	0	0	0	0
Bore	ppm	1	<1	<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: LAKWHI

Unique No: 5775312

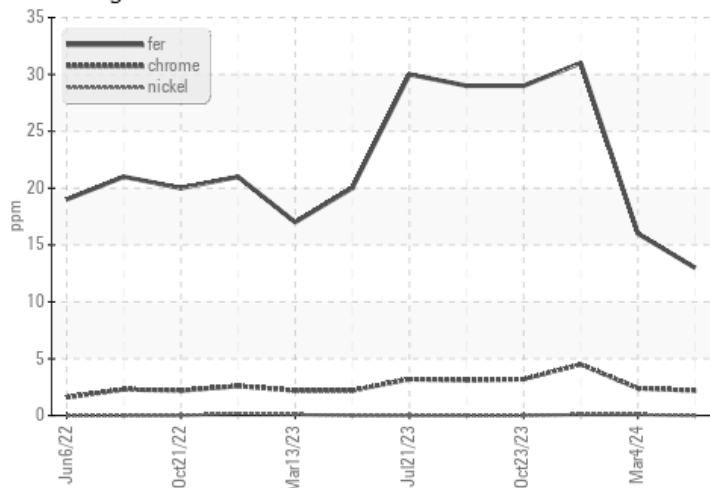
Signed: Wes Davis

Report Date: 10 May 2024

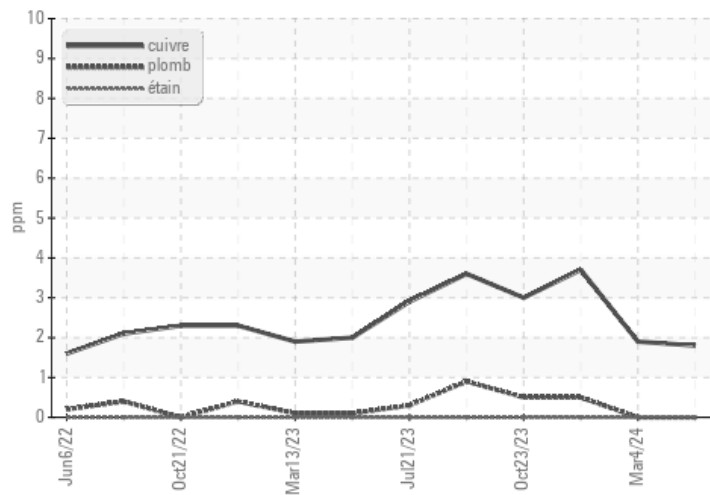


Graphs

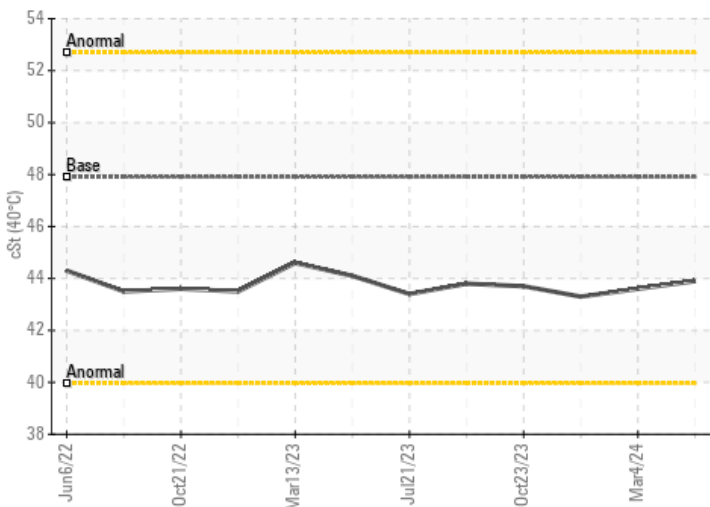
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

