

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 112210-1216 - Hydraulic System

Sample No: LH0274080

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### SAMPLE INFORMATION

Sample Number	LH0274080	LH0256253	LH	LH0242161
Sample Date	02 Nov 2023	08 May 2023	07 Mar 2023	04 Jan 2023
Machine Hours	21000	19945	18000	17110
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### Resolute Forest Products

1, chemin de la Scierie, Case postale 2250  
Baie-Comeau, QC  
CA G5C 2S8  
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#### OIL CONDITION

Visc @ 40°C	cSt	43.3	42.1	42.3	43.1
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#### CONTAMINATION

Water	%	---	---	0.034	---
Particles >4µm		825	3359	16944	2555
Particles >6µm		155	797	3563	336
Particles >14µm		15	38	163	10
ISO 4406:1999 (c)		17/14/11	19/17/12	21/19/15	19/16/10
Silicon	ppm	1	<1	<1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	<1	0	<1

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

Iron	ppm	8	15	13	11
Copper	ppm	2	2	2	2
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	2	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

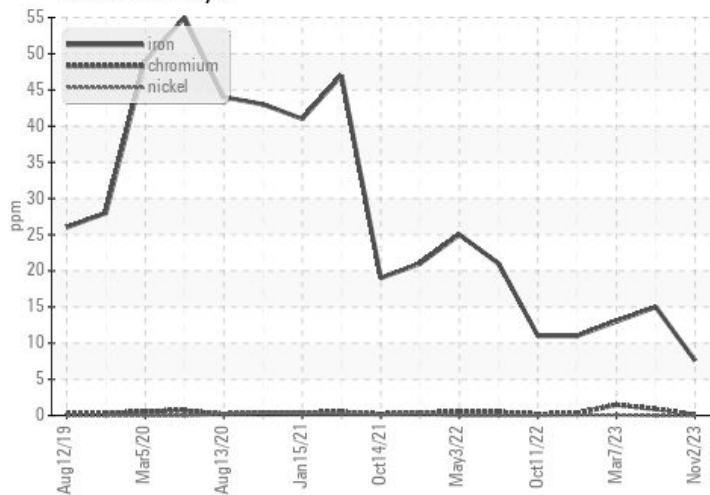
Calcium	ppm	104	121	115	121
Magnesium	ppm	4	2	2	2
Zinc	ppm	822	821	821	825
Phosphorus	ppm	646	706	688	702
Barium	ppm	<1	0	0	0
Boron	ppm	<1	<1	<1	<1

Depot: RESBAI  
Unique No: 5672118  
Signed: Wes Davis  
Report Date: 09 Nov 2023

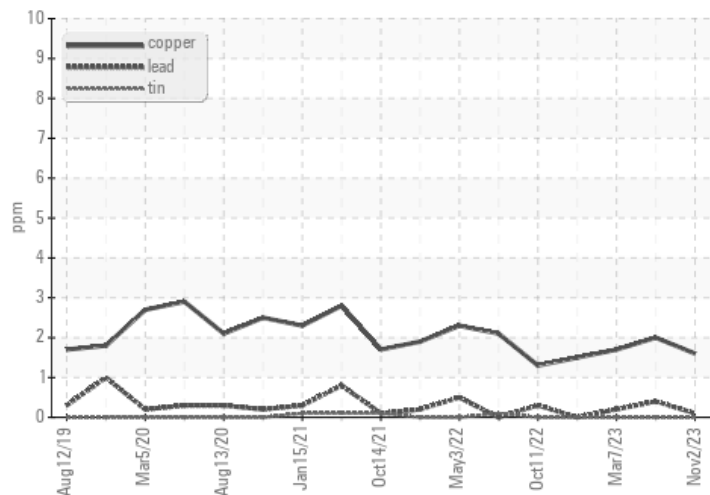


### GRAPHS

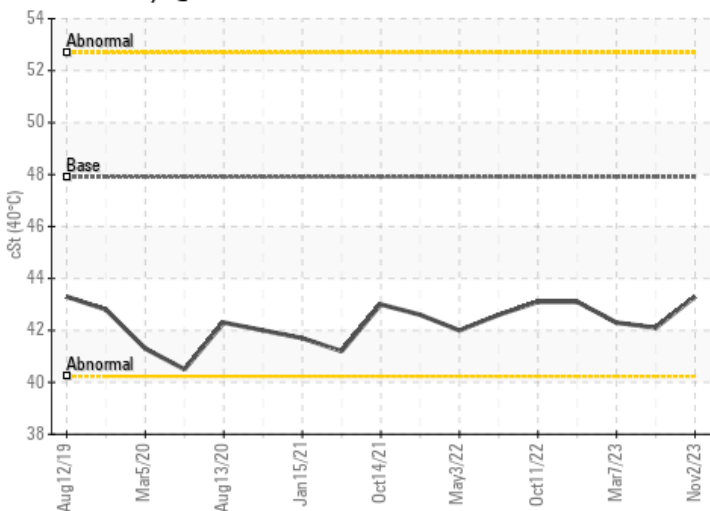
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

