

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L566 038599 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### SAMPLE INFORMATION

Sample Number	LH	LH	LH0140658	---
Sample Date	11 Jan 2024	10 Nov 2023	13 Mar 2020	---
Machine Hours	10222	10436	5233	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	NORMAL	SEVERE	ABNORMAL	---

COMPAGNIE COMMONWEALTH PLYWOOD LTEE  
300 RUE GODARD  
MONT-LAURIER, QC  
CA J9L 3W2  
Contact: MARTIN ST-PIERRE



#### OIL CONDITION

Visc @ 40°C	cSt	43.6	43.3	0	---
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T: (819)823-8876  
F: (819)623-5979



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		5979	122879	31371	---
Particles >6µm		466	59309	792	---
Particles >14µm		13	2427	27	---
ISO 4406:1999 (c)		20/16/11	24/23/18	22/17/12	---
Silicon	ppm	1	5	2	---
Sodium	ppm	<1	2	1	---
Potassium	ppm	12	<1	<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

PQ		---	2	---	---
Iron	ppm	5	21	16	---
Copper	ppm	2	3	3	---
Lead	ppm	<1	1	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	2	<1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	28	93	6	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

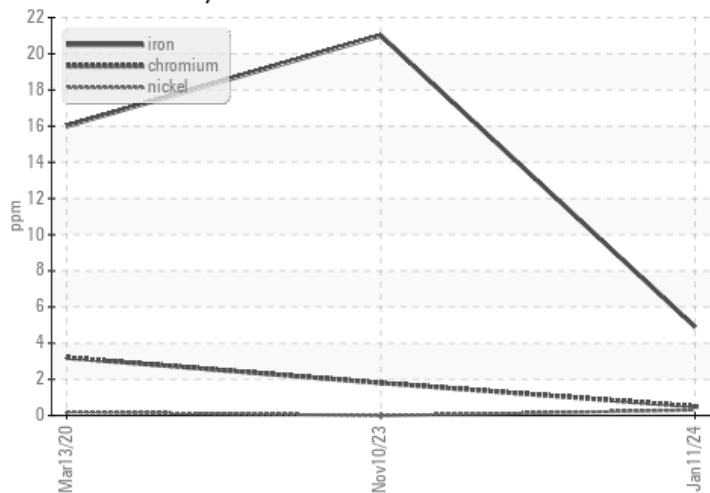
Calcium	ppm	140	198	334	---
Magnesium	ppm	20	33	65	---
Zinc	ppm	669	512	681	---
Phosphorus	ppm	554	466	549	---
Barium	ppm	0	<1	<1	---
Boron	ppm	1	4	8	---

Depot: COMMTL  
Unique No: 5709637  
Signed: Wes Davis  
Report Date: 16 Jan 2024

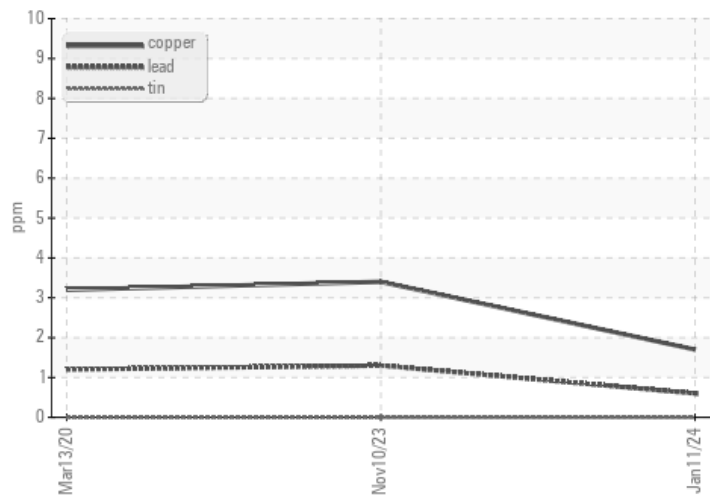


### GRAPHS

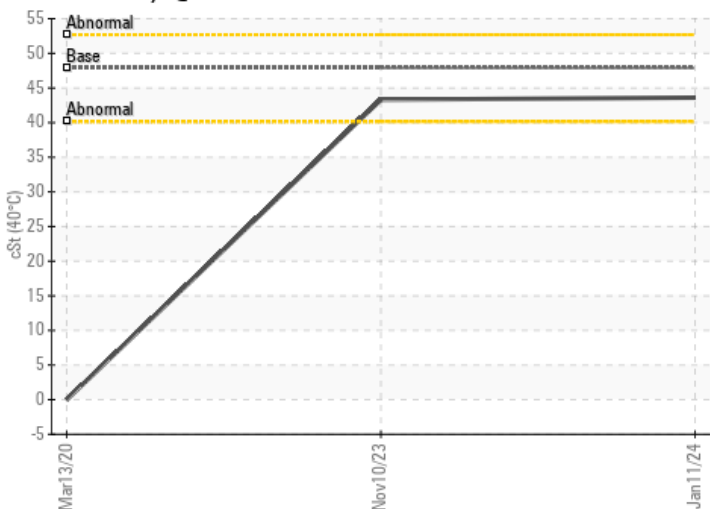
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

