

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 053138-1214 - Hydraulic System

Sample No: LH0270022

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### SAMPLE INFORMATION

Sample Number	LH0270022	LH0260861	LH0242940	LH0215593
Sample Date	24 Aug 2023	31 May 2023	07 Feb 2023	01 Aug 2022
Machine Hours	18035	17526	16996	15992
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	NORMAL	NORMAL	ATTENTION

GDS VALORIBOIS INC.

80 RUE DU PARC INDUSTRIEL

MATANE, QC

CA G4W 2P6

Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	39.6	39.6	41.1	43.8

T:

F:



#### CONTAMINATION

Particles >4µm		36262	14697	5448	31079
Particles >6µm		331	489	613	1239
Particles >14µm		8	38	49	60
ISO 4406:1999 (c)		22/16/10	21/16/12	20/16/13	22/17/13
Silicon	ppm	1	<1	2	8
Sodium	ppm	<1	0	<1	2
Potassium	ppm	0	<1	<1	2

#### Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Confirm the source of the lubricant being utilized for top-up/fill. 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. Il y a une légère quantité de limon (particules de 4 à 14 microns) dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

Iron	ppm	5	4	2	10
Copper	ppm	2	<1	<1	5
Lead	ppm	2	<1	<1	3
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	3
Chromium	ppm	<1	<1	<1	4
Molybdenum	ppm	0	0	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	110	125	240	1265
Magnesium	ppm	<1	<1	1	12
Zinc	ppm	437	428	481	905
Phosphorus	ppm	352	385	422	803
Barium	ppm	<1	0	0	0
Boron	ppm	<1	0	<1	3

Depot: GDSMAT

Unique No: 5655204

Signed: Wes Davis

Report Date: 03 Oct 2023

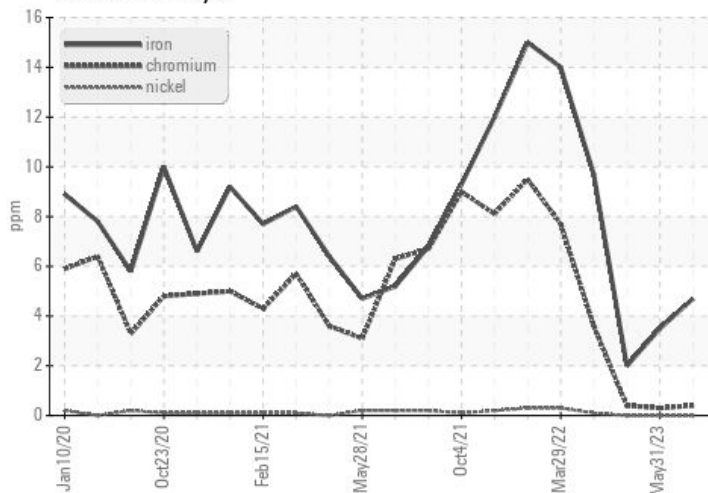
# LIEBHERR

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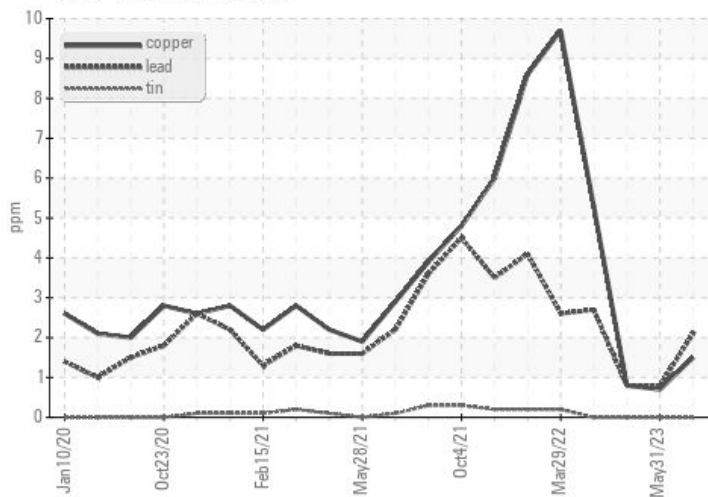


### GRAPHS

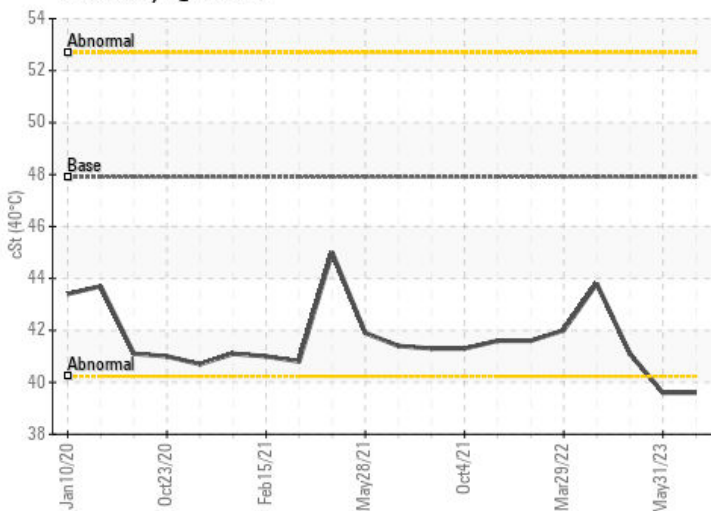
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

