

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053290-1332 - Hydraulic System

Sample No: LH0274172

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0274172	LH0256269	LH0242143	LH0242250
Sample Date	11 Oct 2023	24 May 2023	10 Feb 2023	17 Nov 2022
Machine Hours	17000	14888	14000	12981
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	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
Contact: Paul Breton
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T:
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OIL CONDITION

Visc @ 40°C	cSt	43.7	43.1	40.7	43.8



CONTAMINATION

Particles >4µm		8245	2371	4842	3864
Particles >6µm		1545	151	157	145
Particles >14µm		51	18	12	9
ISO 4406:1999 (c)		20/18/13	18/14/11	19/14/11	19/14/10
Silicon	ppm	1	2	1	1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	0	<1	<1



WEAR METALS

Iron	ppm	7	10	9	6
Copper	ppm	2	3	2	2
Lead	ppm	2	2	2	2
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	1	<1	<1
Chromium	ppm	3	7	5	3
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	271	275	277	285
Magnesium	ppm	<1	1	2	1
Zinc	ppm	807	841	804	787
Phosphorus	ppm	626	732	692	670
Barium	ppm	<1	0	0	0
Boron	ppm	<1	<1	<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.

Depot: RESBAI
Unique No: 5672119
Signed: Wes Davis
Report Date: 09 Nov 2023

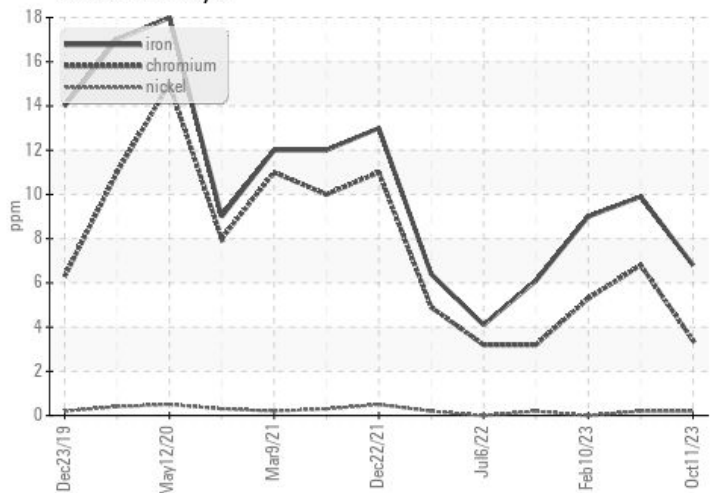
LIEBHERR

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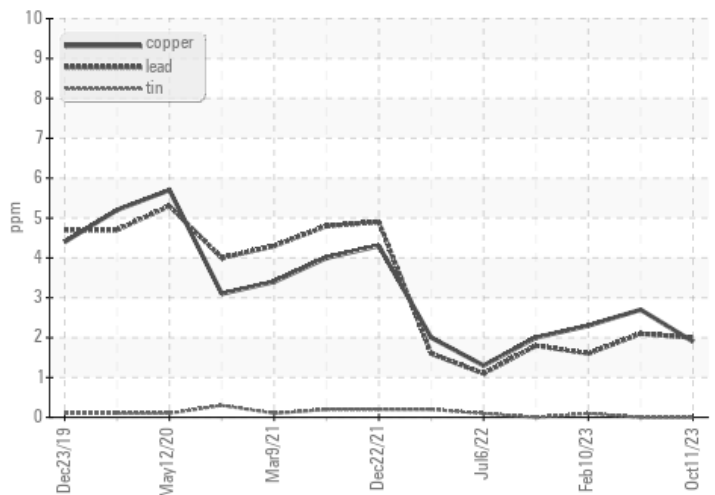


GRAPHS

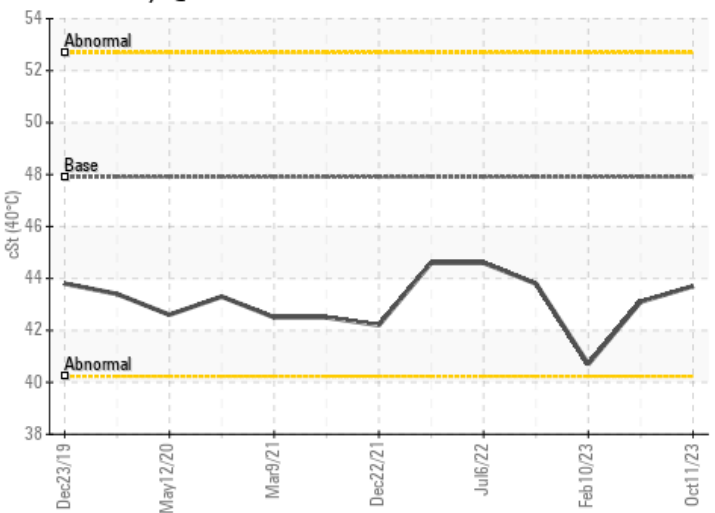
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

