

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053452-1332 - Hydraulic System

Sample No: LH0256465

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0256465	LH0242238	LH0242150	LH0242226
Sample Date	27 Jun 2023	23 Mar 2023	01 Feb 2023	02 Nov 2022
Machine Hours	22000	20021	19000	16958
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Changed
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:
F: (418)960-2788



OIL CONDITION

Visc @ 40°C	cSt	45.6	45.3	45.9	44.5



CONTAMINATION

Particles >4µm		952	1234	17129	12891
Particles >6µm		173	190	3742	4203
Particles >14µm		11	12	199	305
ISO 4406:1999 (c)		17/15/11	17/15/11	21/19/15	21/19/15
Silicon	ppm	1	2	2	2
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	4	11	12	8
Copper	ppm	1	2	2	2
Lead	ppm	<1	2	2	2
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	1	1	<1
Chromium	ppm	3	7	7	4
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	118	128	130	134
Magnesium	ppm	1	1	2	2
Zinc	ppm	839	770	782	806
Phosphorus	ppm	735	770	790	670
Barium	ppm	0	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: 5644246
Signed: Wes Davis
Report Date: 19 Sep 2023

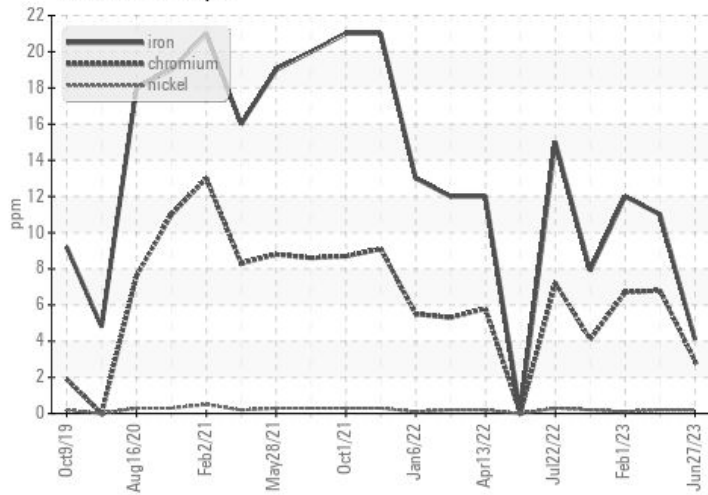
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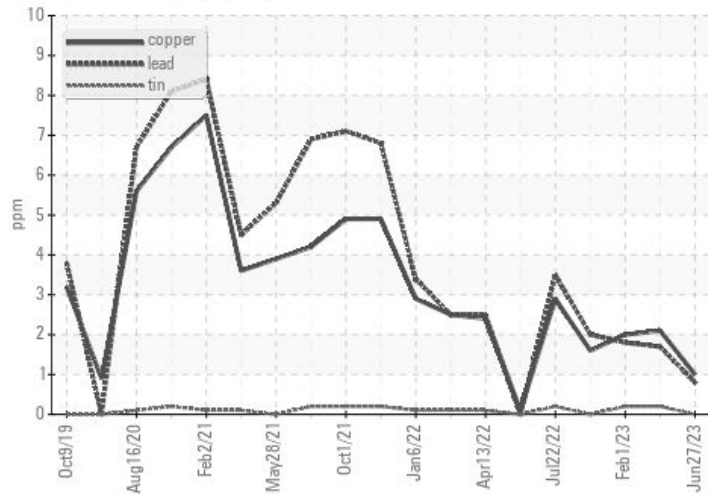


GRAPHS

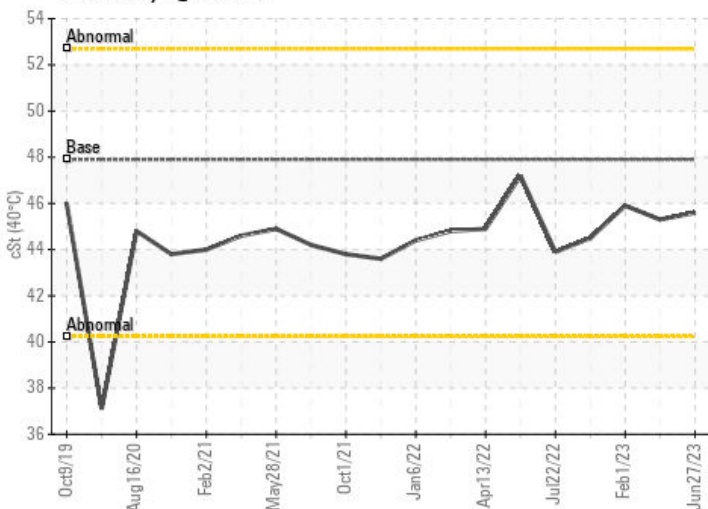
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

