

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 052872-1332 - Hydraulic System

Sample No: LH0256464

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0256464	LH0242126	LH0119148	LH0223613
Sample Date	28 Jun 2023	20 Feb 2023	26 Jul 2022	10 May 2022
Machine Hours	20000	18000	15125	14000
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

Resolute Forest Products

1, chemin de la Scierie, Case postale 2250
Baie-Comeau, QC
CA G5C 2S8
Contact: Paul Breton
paul.breton@liebherr.com
T:
F: (418)960-2788



OIL CONDITION

Visc @ 40°C	cSt	43.8	44.5	42.9	43.0
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CONTAMINATION

Particles >4µm		2762	26832	2910	9515
Particles >6µm		27	1182	87	546
Particles >14µm		2	78	7	18
ISO 4406:1999 (c)		19/12/9	22/17/13	19/14/10	20/16/11
Silicon	ppm	6	3	4	4
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	1	<1	<1	0



WEAR METALS

PQ		---	---	0	0
Iron	ppm	17	16	20	20
Copper	ppm	3	2	3	3
Lead	ppm	2	2	4	3
Tin	ppm	0	0	<1	<1
Aluminum	ppm	3	2	2	2
Chromium	ppm	18	16	14	13
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	202	239	459	477
Magnesium	ppm	2	1	3	2
Zinc	ppm	837	832	842	845
Phosphorus	ppm	746	737	672	705
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Diagnosis

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure de segment. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: RESBAI
Unique No: 5644247
Signed: Bill Quesnel
Report Date: 19 Sep 2023

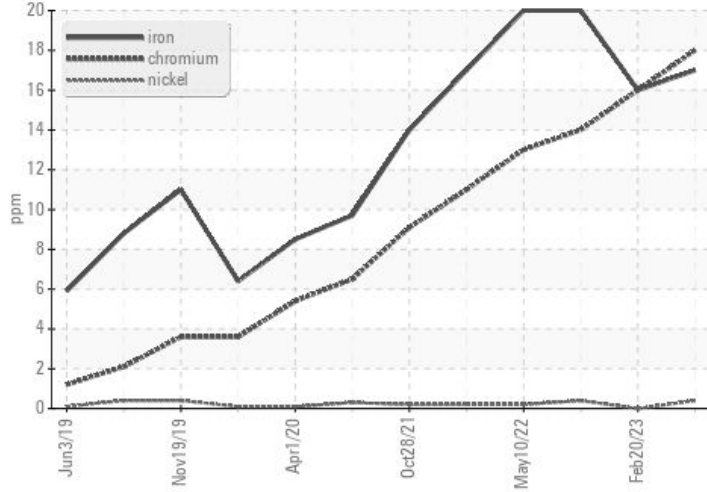
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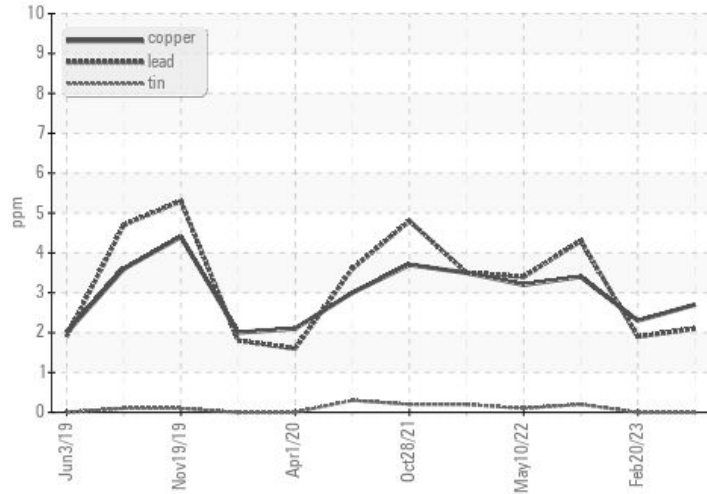


GRAPHS

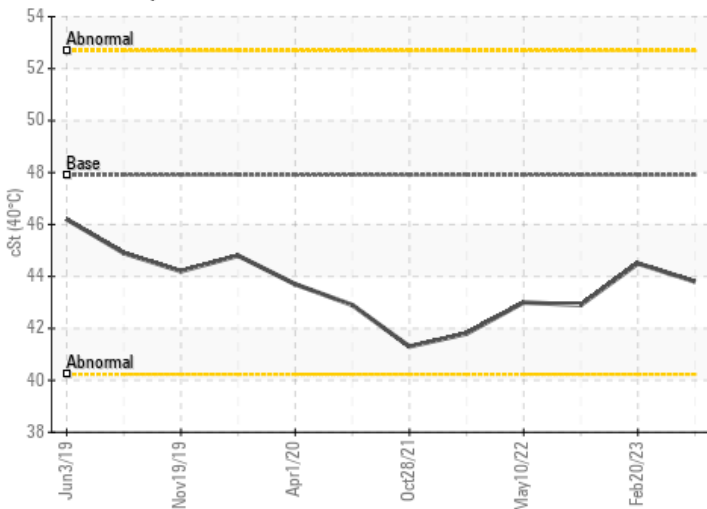
● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

