

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934CMH71007 - Hydraulic System

Sample No: LH0284107

Oil Type: PETRO CANADA HYDREX MV 46



Radius Recycling Canada Ltd.
 12195 Musqueam Dr.
 Surrey, BC
 CA V3V 3T2
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Sample Information

Sample Number	LH0284107	LH0260630	LH0250514	---
Sample Date	28 Mar 2024	22 Dec 2023	23 Aug 2023	---
Machine Hours	25367	25122	24638	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	40.5	40.5	41.0	---
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Contamination

Water	%	NEG	NEG	NEG	---
Particles >4µm		5816	851	2491	---
Particles >6µm		394	86	115	---
Particles >14µm		14	7	7	---
ISO 4406:1999 (c)		20/16/11	17/14/10	18/14/10	---
Silicon	ppm	0	<1	<1	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	<1	<1	0	---



Wear Metals

Iron	ppm	17	14	8	---
Copper	ppm	2	2	1	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	2	2	1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	42	49	53	---
Magnesium	ppm	6	6	6	---
Zinc	ppm	27	28	30	---
Phosphorus	ppm	594	619	635	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	<1	---

Diagnosis

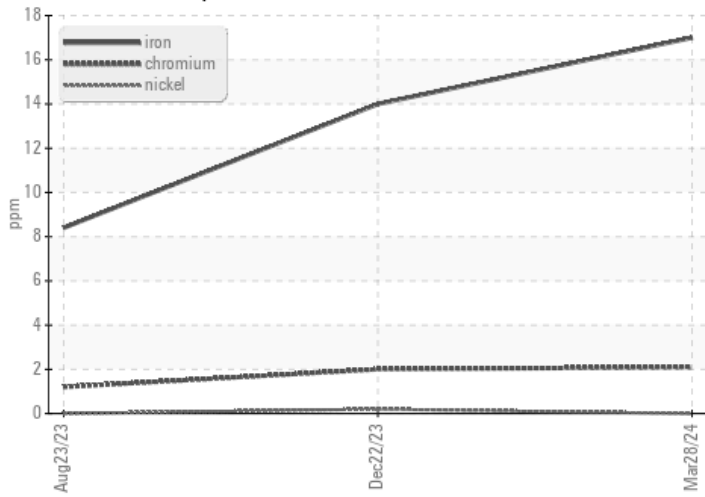
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: AMISUR
 Unique No: 5760515
 Signed: Wes Davis
 Report Date: 10 Apr 2024

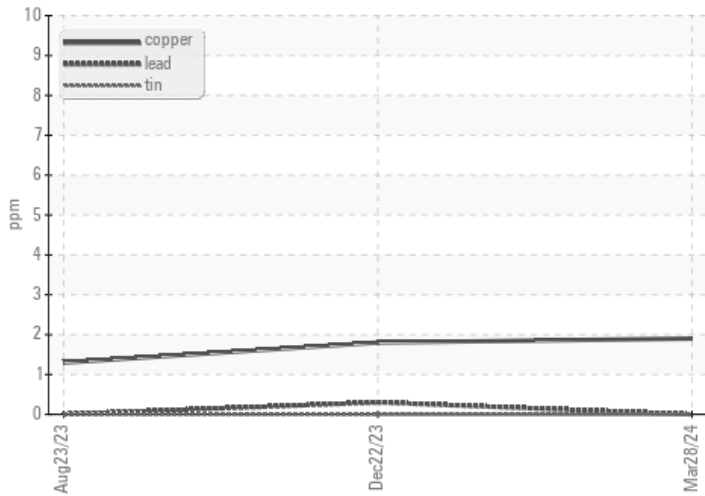


Graphs

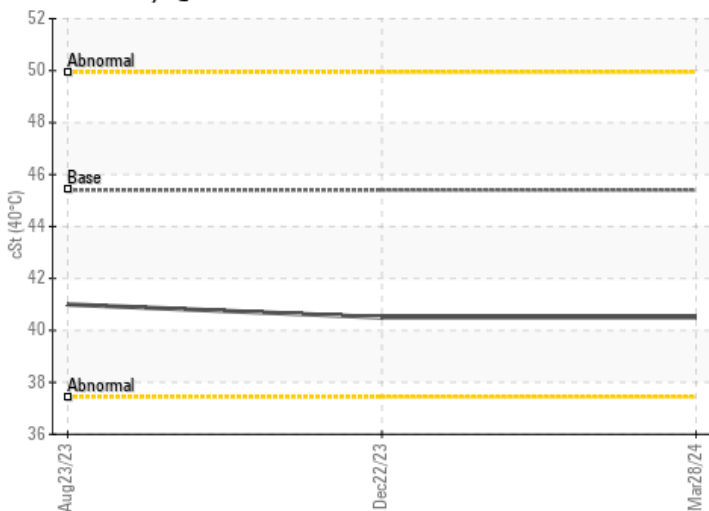
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

