

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 147037-1217 - Hydraulic System

Sample No: LH0131746

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



STELLA JONES INC
 25 BRAID ST
 NEW WESTMINSTER, BC
 CA V3L 3P2
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 T: (604)999-9220
 F: (604)526-8597



SAMPLE INFORMATION

Sample Number	LH0131746	LH0271329	---	---
Sample Date	03 Feb 2024	31 Oct 2023	---	---
Machine Hours	2037	1062	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.5	43.5	---	---
Acid Number (AN)	mg KOH/g	---	1.42	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		1070	1996	---	---
Particles >6µm		183	346	---	---
Particles >14µm		6	18	---	---
ISO 4406:1999 (c)		17/15/10	18/16/11	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	11	10	---	---
Copper	ppm	6	5	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1282	1277	---	---
Magnesium	ppm	4	5	---	---
Zinc	ppm	668	690	---	---
Phosphorus	ppm	580	593	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	<1	<1	---	---

Diagnosis

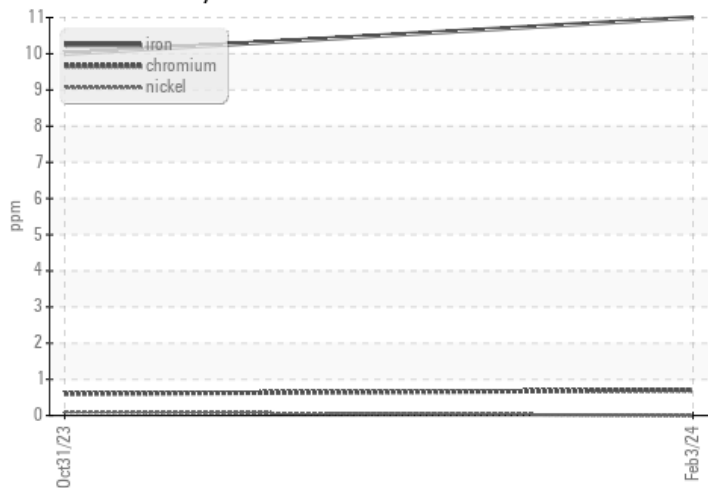
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: STE25NEW
 Unique No: 5722875
 Signed: Bill Quesnel
 Report Date: 06 Feb 2024

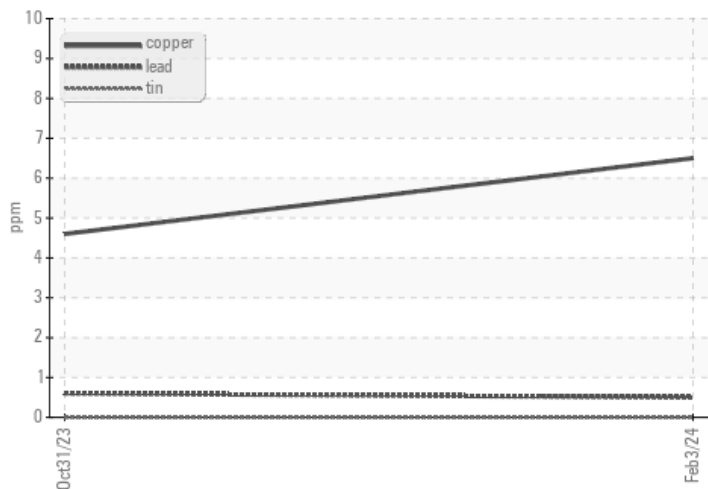


GRAPHS

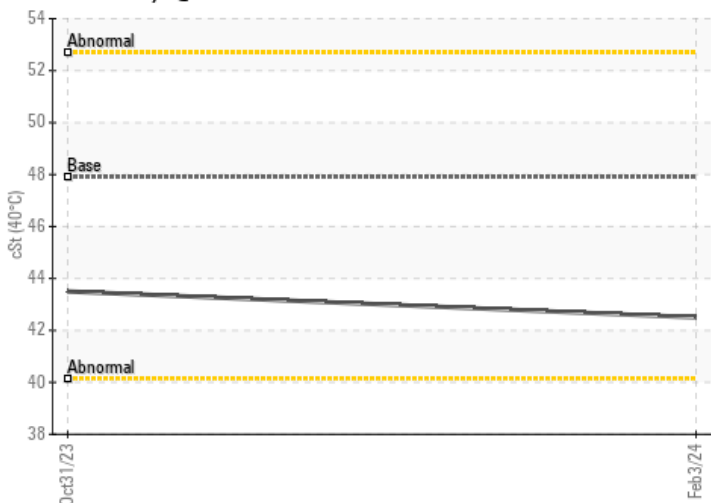
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

