

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LW3372 - Hydraulic System

Sample No: LH0240783

Oil Type: PETRO CANADA ENVIRON MV 46



SAMPLE INFORMATION

Sample Number	LH0240783	LH0185847	---	---
Sample Date	07 Mar 2023	13 Mar 2021	---	---
Machine Hours	25274	22169	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

Radius Recycling Canada Ltd.

12195 Musqueam Dr.

Surrey, BC

CA V3V 3T2

Contact: Chris Trinkunas

ctrinkunas@rdus.com

T:

F: (604)580-1922



OIL CONDITION

Visc @ 40°C	cSt	41.1	41.0	---	---
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CONTAMINATION

Particles >4µm		9908	6433	---	---
Particles >6µm		985	271	---	---
Particles >14µm		57	10	---	---
ISO 4406:1999 (c)		20/17/13	20/15/10	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	0	0	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	4	3	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	20	27	---	---
Magnesium	ppm	2	6	---	---
Zinc	ppm	18	31	---	---
Phosphorus	ppm	674	605	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	2	---	---

Depot: AMISUR

Unique No: 5554980

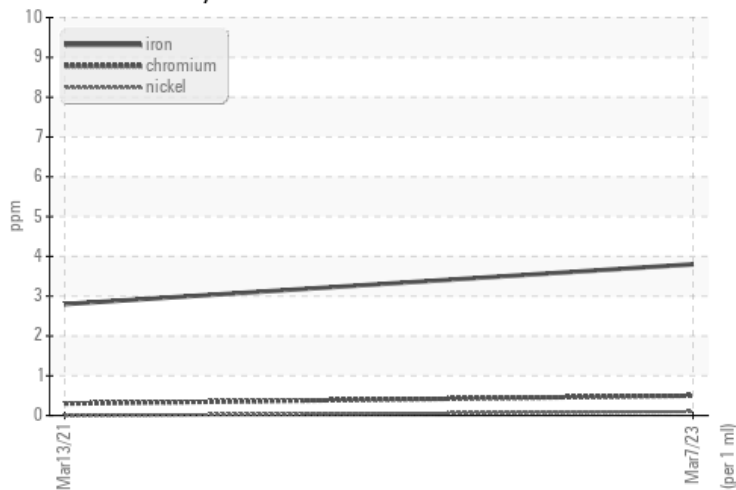
Signed: Wes Davis

Report Date: 06 Apr 2023

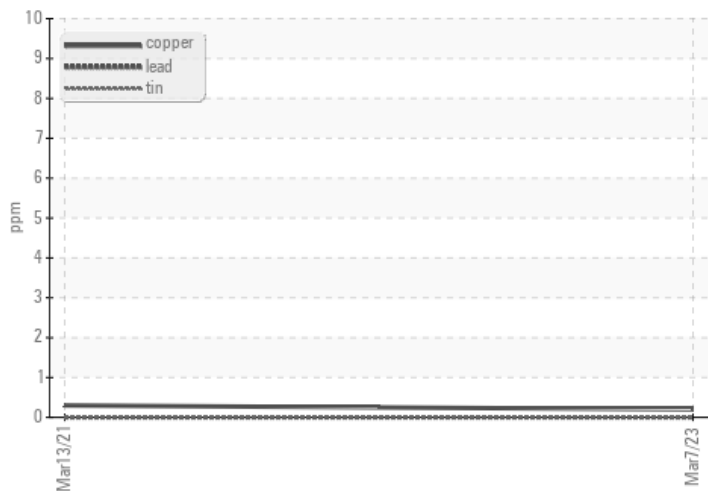


GRAPHS

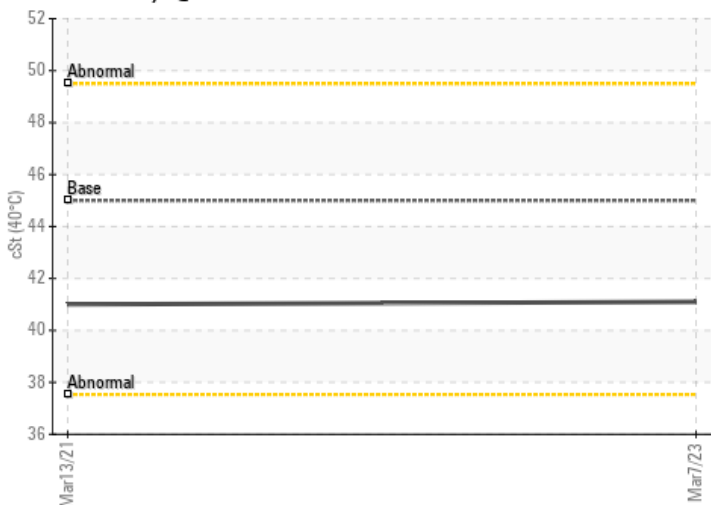
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

