

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736XL 019279-1155 - Hydraulic System

Sample No: LH0290492

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Sample Information

Sample Number	LH0290492	LH0287990	LH0241995	---
Sample Date	04 Jul 2024	20 Mar 2024	23 Nov 2023	---
Machine Hours	5499	5050	4604	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	ATTENTION	NORMAL	ABNORMAL	---

ECOWASTE INDUSTRIES LTD.
 15111 WILLIAMS ROAD
 RICHMOND, BC
 CA V6W 1G9
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	43.6	42.9	43.1	---
-------------	-----	------	------	------	-----

T: (604)277-1410
 F:



Contamination

Water	%	NEG	NEG	NEG	---
Particles >4µm		16910	1984	75865	---
Particles >6µm		5735	230	11694	---
Particles >14µm		430	11	214	---
ISO 4406:1999 (c)		21/20/16	18/15/11	23/21/15	---
Silicon	ppm	1	2	3	---
Sodium	ppm	3	7	7	---
Potassium	ppm	<1	<1	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	5	6	11	---
Copper	ppm	7	13	12	---
Lead	ppm	<1	2	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	1	2	2	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	0	0	---
Vanadium	ppm	0	0	0	---



Additives

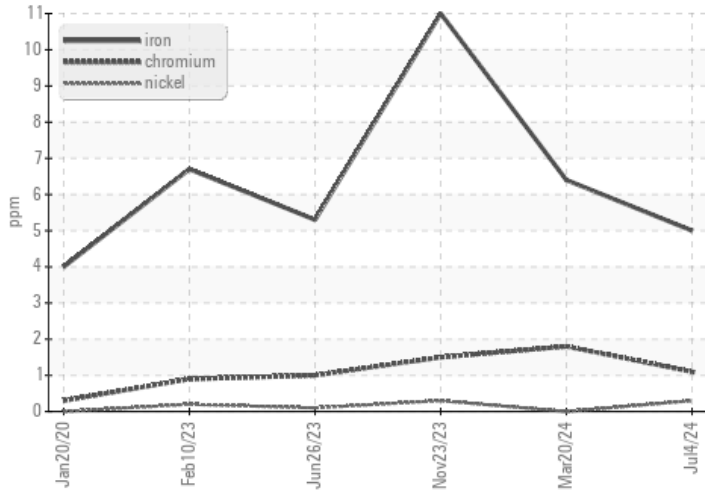
Calcium	ppm	351	443	446	---
Magnesium	ppm	3	5	5	---
Zinc	ppm	693	638	649	---
Phosphorus	ppm	580	536	557	---
Barium	ppm	0	0	<1	---
Boron	ppm	2	4	4	---

Depot: ECORIC
 Unique No: 5814263
 Signed: Kevin Marson
 Report Date: 19 Jul 2024

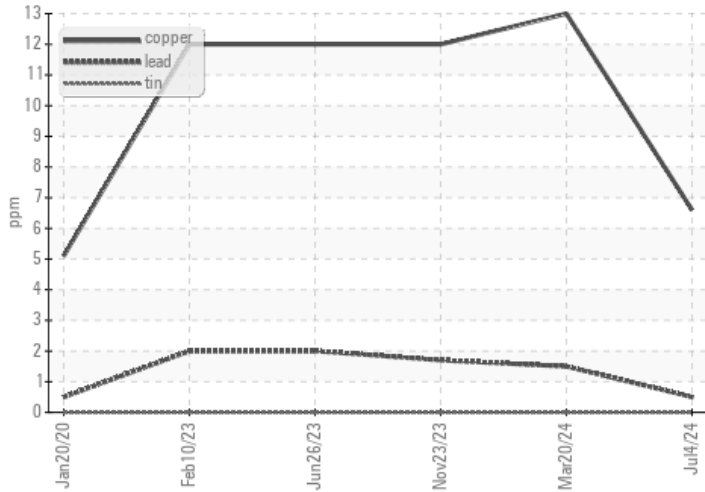


Graphs

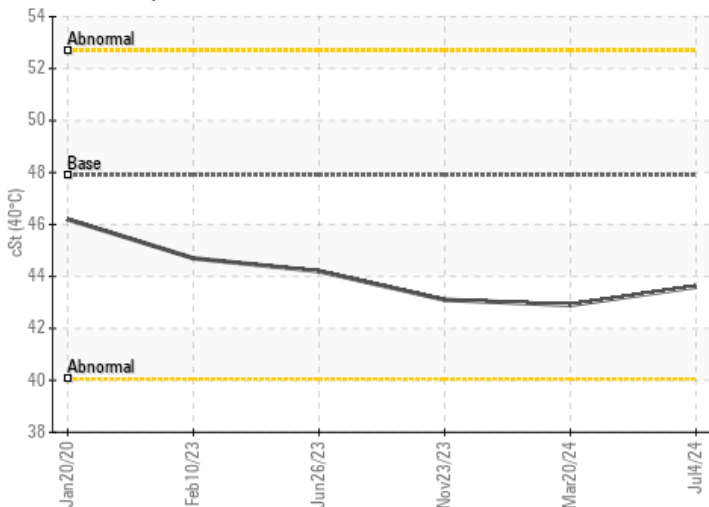
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

