

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1216-130391 - Splitter Box

Sample No: LH0272170

Oil Type: CHEVRON DELO GEAR ESI OIL 80W90



SAMPLE INFORMATION

Sample Number	LH0272170	LH0220811	LH0203921	---
Sample Date	07 Feb 2024	31 Aug 2022	12 Apr 2022	---
Machine Hours	4773	1273	807	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

VERSO CORP
7100 COUNTY 426 M.5 RD
ESCANABA, MI
US 49837
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	119	148	196	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	3	<1	---
Sodium	ppm	2	0	3	---
Potassium	ppm	2	0	2	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	19	21	14	---
Copper	ppm	1	0	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	0	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

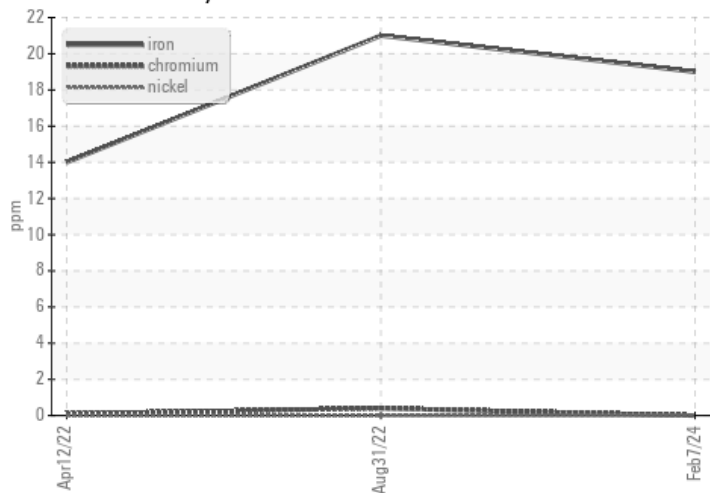
Calcium	ppm	84	0	9	---
Magnesium	ppm	8	0	2	---
Zinc	ppm	65	0	8	---
Phosphorus	ppm	798	1073	1543	---
Barium	ppm	0	0	0	---
Boron	ppm	3	15	4	---

Depot: VERESC
Unique No: 10884184
Signed: Don Baldrige
Report Date: 18 Feb 2024

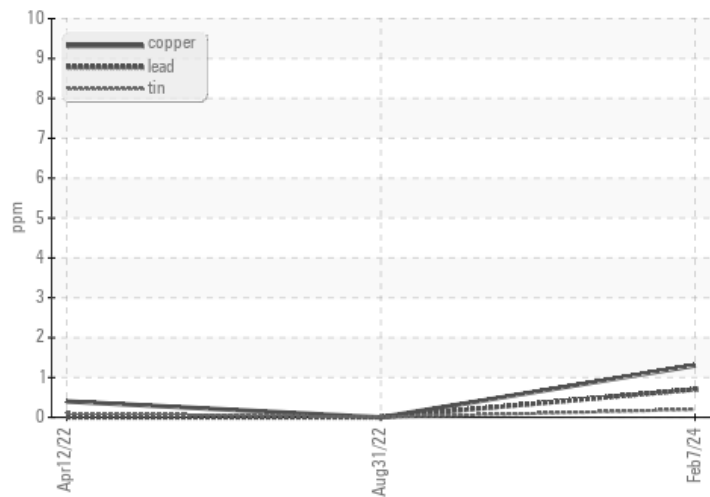


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

