

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L546 1755-67311 - Transmission (Auto)

Sample No: LH0243341

Oil Type: DEXRON III



SAMPLE INFORMATION

Sample Number	LH0243341	LH0244324	---	---
Sample Date	16 Oct 2023	07 Mar 2023	---	---
Machine Hours	967	436	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

FAHRNER EXCAVATING

PO BOX 36

PLOVER, MI

US 54467

Contact: JUSTIN F

excavatinginc@gmail.com

T: (715)341-8902

F:



OIL CONDITION

Visc @ 40°C	cSt	27.5	28.1	---	---
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CONTAMINATION

Silicon	ppm	8	7	---	---
Sodium	ppm	7	4	---	---
Potassium	ppm	2	5	---	---



WEAR METALS

Iron	ppm	91	89	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	215	208	---	---
Magnesium	ppm	20	<1	---	---
Zinc	ppm	110	38	---	---
Phosphorus	ppm	245	175	---	---
Barium	ppm	20	2	---	---
Boron	ppm	59	68	---	---

Diagnosis

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

Depot: FAHPLO

Unique No: 10722258

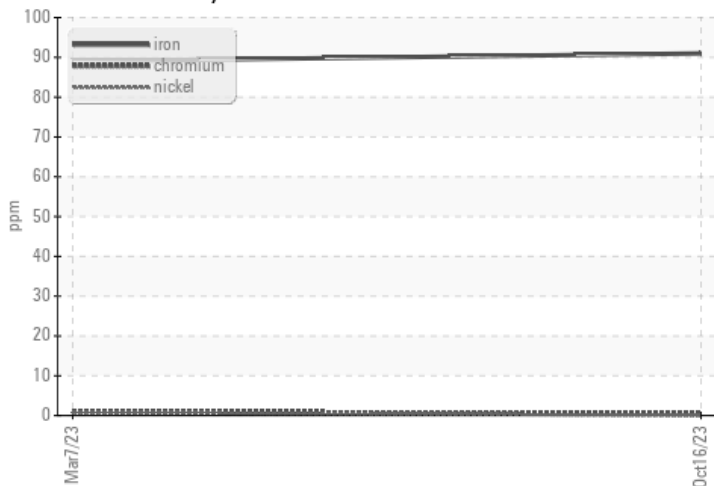
Signed: Sean Felton

Report Date: 01 Nov 2023

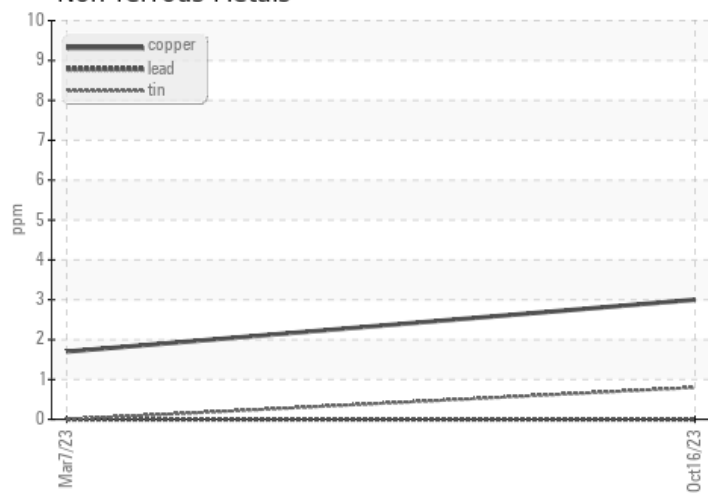


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

