

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L538 064492-1754 - Transmission (Auto)

Sample No: LH0263966

Oil Type: ATF



SAMPLE INFORMATION

Sample Number	LH0263966	LH0220794	---	---
Sample Date	25 Oct 2023	19 Jan 2023	---	---
Machine Hours	1045	464	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 US 54401
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OIL CONDITION

Visc @ 40°C	cSt	28.0	28.2	---	---
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CONTAMINATION

Silicon	ppm	5	10	---	---
Sodium	ppm	3	6	---	---
Potassium	ppm	0	3	---	---

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 suitable for further service.



WEAR METALS

Iron	ppm	53	88	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	2	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

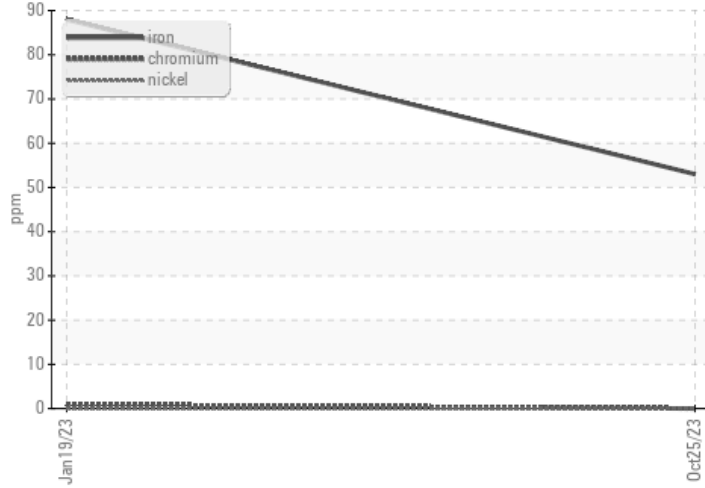
Calcium	ppm	163	207	---	---
Magnesium	ppm	22	2	---	---
Zinc	ppm	77	53	---	---
Phosphorus	ppm	203	176	---	---
Barium	ppm	0	8	---	---
Boron	ppm	58	75	---	---

Depot: LEC0008
 Unique No: 10726909
 Signed: Sean Felton
 Report Date: 07 Nov 2023

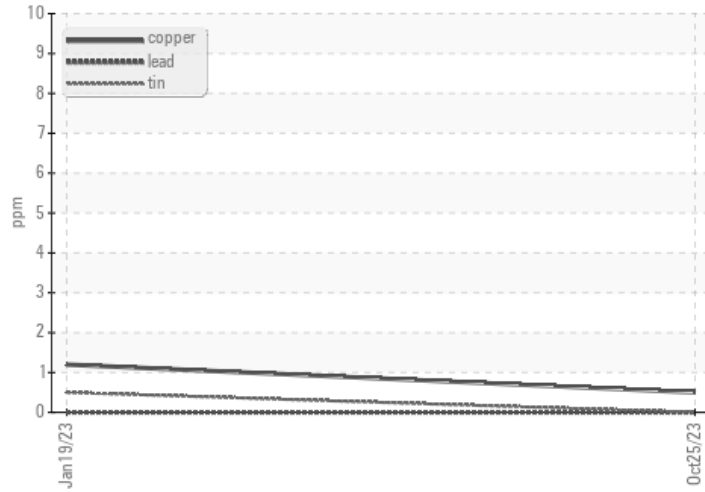


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

