

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 055501-1332 - Transmission (Manual)

Sample No: LH0254832

Oil Type: TRANSAXLE OIL SAE 75W80



SAMPLE INFORMATION

Sample Number	LH0254832	LH0254709	LH0254850	LH0220831
Sample Date	07 Feb 2024	24 Sep 2023	22 Feb 2023	12 Aug 2022
Machine Hours	7216	6554	5381	4360
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

INTERSTATE POWER SYSTEMS

407 ADVENTURLAND DR NE
ALTOONA, IA

US 50009

Contact: DALTON JOHNSON

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F:



OIL CONDITION

Visc @ 40°C	cSt	51.0	53.6	52.9	51.2



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	7	8	7
Sodium	ppm	8	5	10	10
Potassium	ppm	2	2	1	3



WEAR METALS

Iron	ppm	15	13	10	22
Copper	ppm	2	2	1	4
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	2	1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4729	2970	3227	3095
Magnesium	ppm	11	6	10	6
Zinc	ppm	2103	1260	1286	1356
Phosphorus	ppm	1879	1305	1223	1347
Barium	ppm	0	2	0	0
Boron	ppm	103	102	103	90

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.

Depot: INTALT

Unique No: 10911821

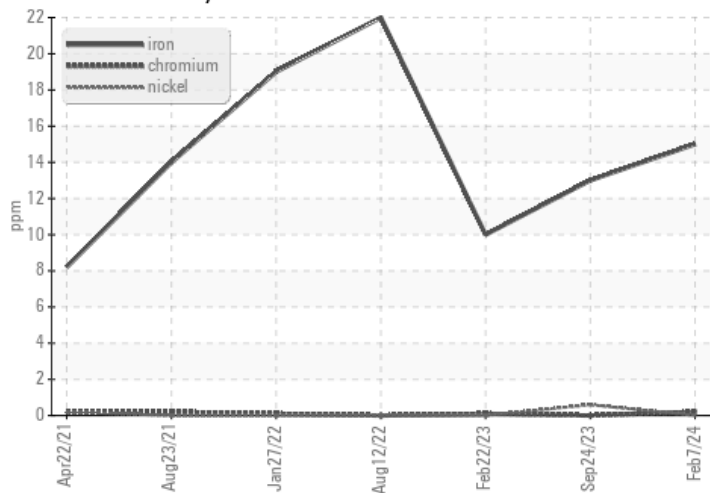
Signed: Sean Felton

Report Date: 06 Mar 2024

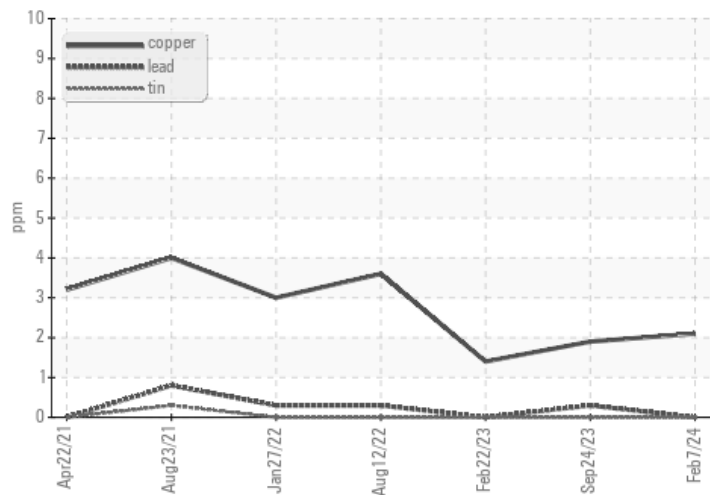


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

