

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 055501-1332 - Transmission (Manual)

Sample No: LH0254709

Oil Type: TRANSAXLE OIL SAE 75W80



#### SAMPLE INFORMATION

Sample Number	LH0254709	LH0254850	LH0220831	LH0207905
Sample Date	24 Sep 2023	22 Feb 2023	12 Aug 2022	27 Jan 2022
Machine Hours	6554	5381	4360	3121
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### INTERSTATE POWER SYSTEMS

407 ADVENTURLAND DR NE  
ALTOONA, IA

US 50009

Contact: DALTON JOHNSON

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T: (515)957-3300

F:



#### OIL CONDITION

Visc @ 40°C	cSt	53.6	52.9	51.2	51.9
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#### CONTAMINATION

Silicon	ppm	7	8	7	8
Sodium	ppm	5	10	10	10
Potassium	ppm	2	1	3	0



#### WEAR METALS

Iron	ppm	13	10	22	19
Copper	ppm	2	1	4	3
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	2970	3227	3095	3201
Magnesium	ppm	6	10	6	8
Zinc	ppm	1260	1286	1356	1287
Phosphorus	ppm	1305	1223	1347	1347
Barium	ppm	2	0	0	0
Boron	ppm	102	103	90	96

#### 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: 10662099

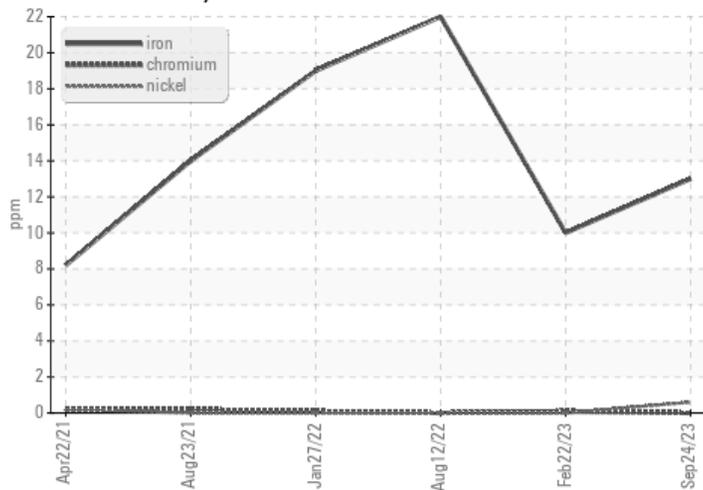
Signed: Sean Felton

Report Date: 27 Sep 2023

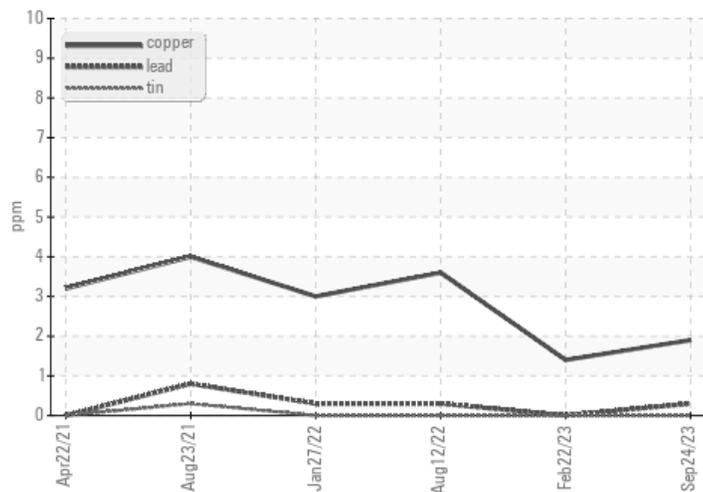


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

