

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 1756-58839 -Transmission

Sample No: LH0235792

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0235792	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	6327	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

DREW TRANSPORT

2648 WEST 50TH STREET
CHICAGO, IL
US 60632
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	46.1	---	---	---
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T: (773)476-9472
F:



CONTAMINATION

Silicon	ppm	7	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The fluid viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

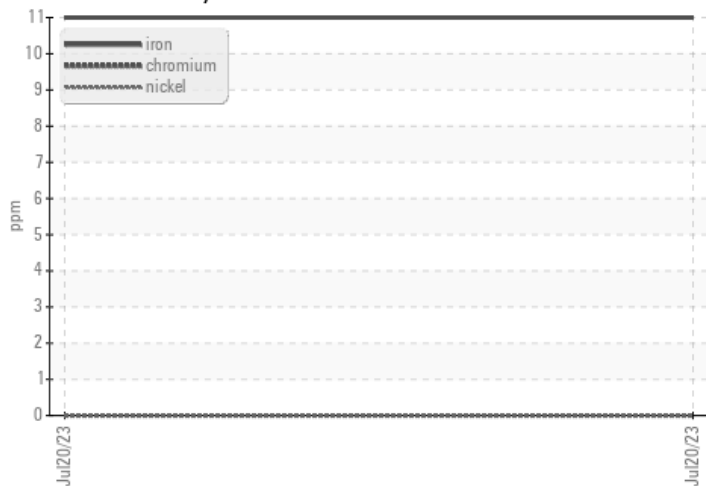
Calcium	ppm	3144	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1361	---	---	---
Phosphorus	ppm	1098	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	78	---	---	---

Depot: DRECHI
Unique No: 10566056
Signed: Don Baldrige
Report Date: 25 Jul 2023

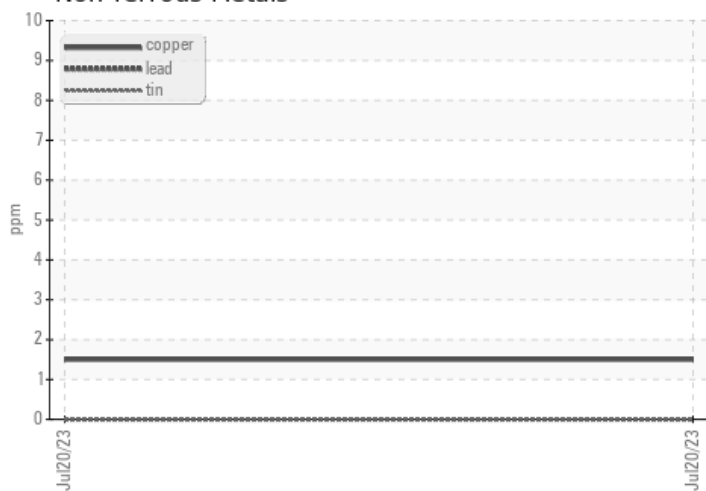


GRAPHS

Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

