

LIEBHERR

CONSTRUCTION EQUIPMENT



ROADTECRP190E 4130 - Left Auger

Sample No: LH0257954

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0257954	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	3460	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD

BURR RIDGE, IL

US 60527

Contact: DON FITZGERALD

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OIL CONDITION

Visc @ 40°C	cSt	107	---	---	---
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CONTAMINATION

Silicon	ppm	<1	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	26	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	<1	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	24	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: LEC0033

Unique No: 10632190

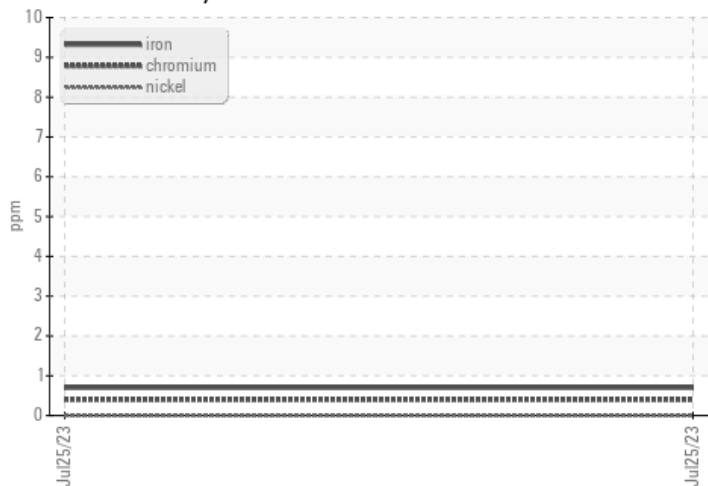
Signed: Don Baldrige

Report Date: 07 Sep 2023

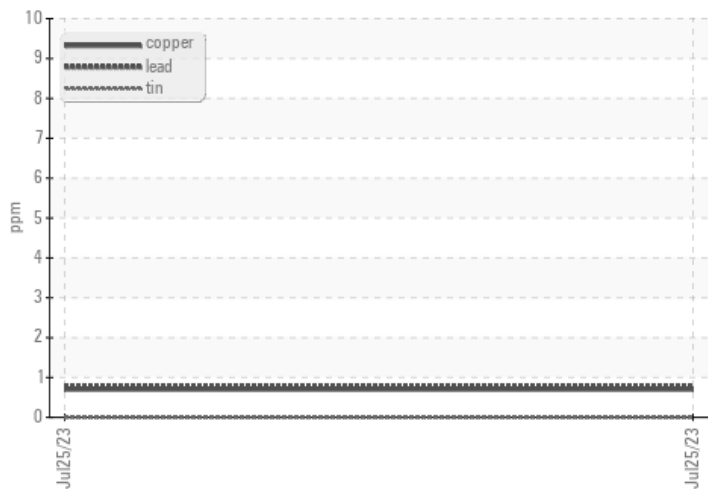


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

