

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 018900-1155 - Left Final Drive

Sample No: LH0244415

Oil Type: GEAR OIL SAE 90W140



Sample Information

Sample Number	LH0244415	---	---	---
Sample Date	27 Mar 2024	---	---	---
Machine Hours	2509	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 dmiano@heavymachinesinc.com
 T: x:
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Oil Condition

Visc @ 40°C	cSt	● 332	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 2	---	---	---



Wear Metals

Iron	ppm	● 144	---	---	---
Copper	ppm	● 68	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 2	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 0	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 23	---	---	---
Phosphorus	ppm	● 1155	---	---	---
Barium	ppm	● 4	---	---	---
Boron	ppm	● 3	---	---	---

Diagnosis

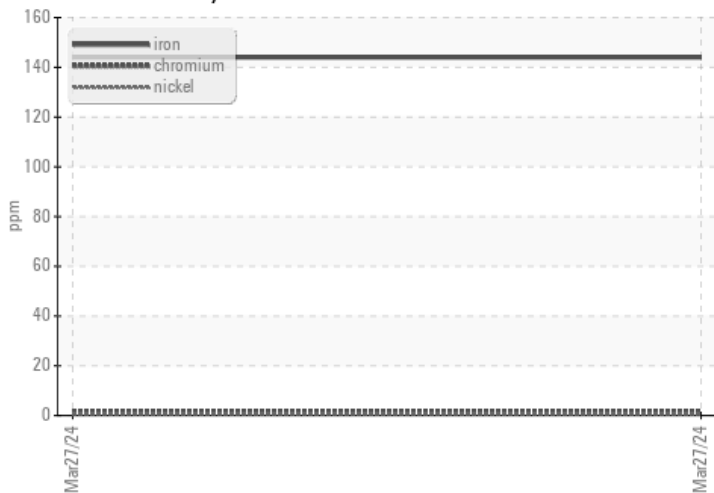
No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: HEATHE
 Unique No: 11022371
 Signed: Sean Felton
 Report Date: 14 May 2024

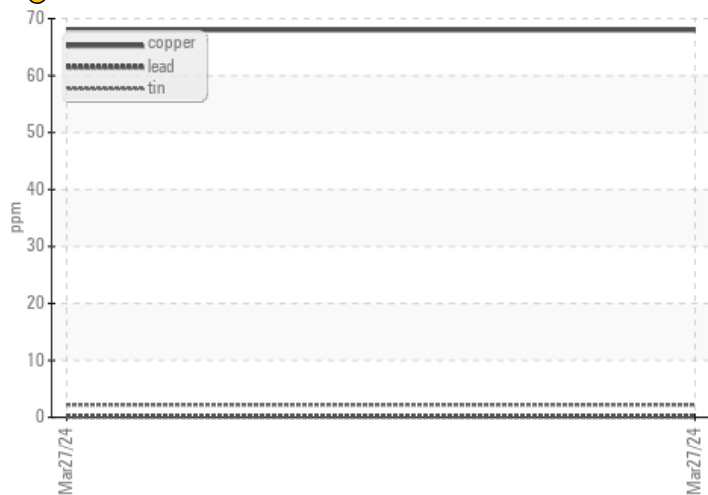


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

