

LIEBHERR

CONSTRUCTION EQUIPMENT



145797-1218 LIEBHERR LH80M 145797-1218 - Front Left Wheel

Sample No: LH0257703

Oil Type: LIEBHERR GEAR BASIC 90 LS



TEXAS PORT RECYCLING - HOUSTON PORT
8945 MANCHESTER ST
HOUSTON, TX
US 77012
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Sample Information

Sample Number	LH0257703	LH0257714	---	---
Sample Date	10 Jun 2024	09 Apr 2024	---	---
Machine Hours	2017	1579	---	---
Oil Hours	500	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	158	127	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	5	9	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	2	2	---	---



Wear Metals

Iron	ppm	28	45	---	---
Copper	ppm	3	6	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	6	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	<1	0	---	---



Additives

Calcium	ppm	89	87	---	---
Magnesium	ppm	14	35	---	---
Zinc	ppm	60	68	---	---
Phosphorus	ppm	2410	2363	---	---
Barium	ppm	1	1	---	---
Boron	ppm	60	193	---	---

Diagnosis

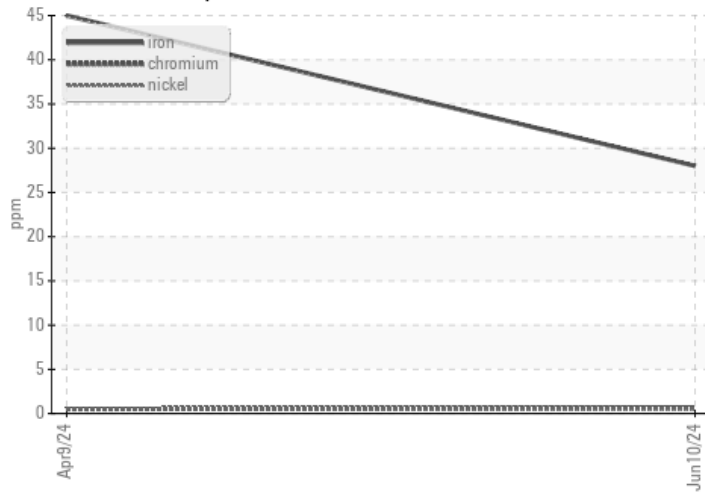
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: TEXHOUWC
Unique No: 11100910
Signed: Wes Davis
Report Date: 01 Jul 2024

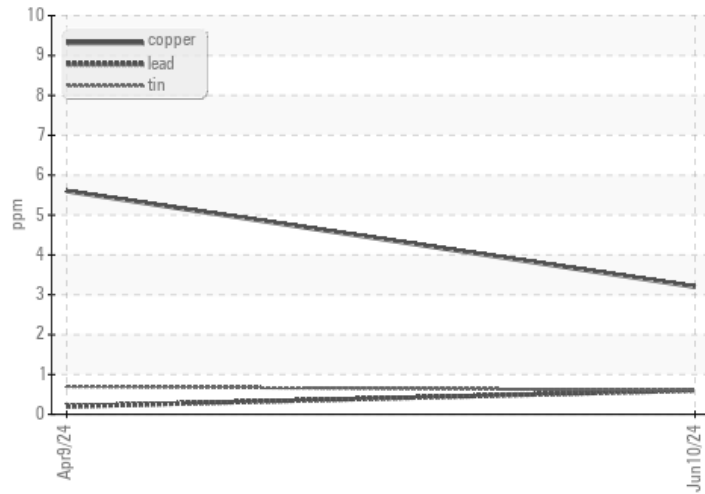


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

