

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A918 095565-1184 - Transmission (Auto)

Sample No: LH0264447

Oil Type: DIESEL ENGINE OIL 10W40



UNITED SCRAP
1545 S CICERO AVE
BURR RIDGE, IL
US 60527
Contact: Service Manager



Sample Information

Sample Number	LH0264447	LH0235817	LHMC130182	LHMC130557
Sample Date	12 Jun 2024	23 Sep 2022	19 Sep 2020	12 Dec 2019
Machine Hours	17064	9705	3571	600
Oil Hours	1000	0	1000	600
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	58.5	69.0	58.9	62.1
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	<1	3
Sodium	ppm	5	9	23	33
Potassium	ppm	5	4	4	5

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



Wear Metals

Iron	ppm	12	8	5	6
Copper	ppm	24	27	26	21
Lead	ppm	<1	<1	<1	<1
Tin	ppm	1	1	<1	<1
Aluminum	ppm	3	2	0	2
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	6	<1	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	6	6	8	9
Vanadium	ppm	<1	<1	<1	0



Additives

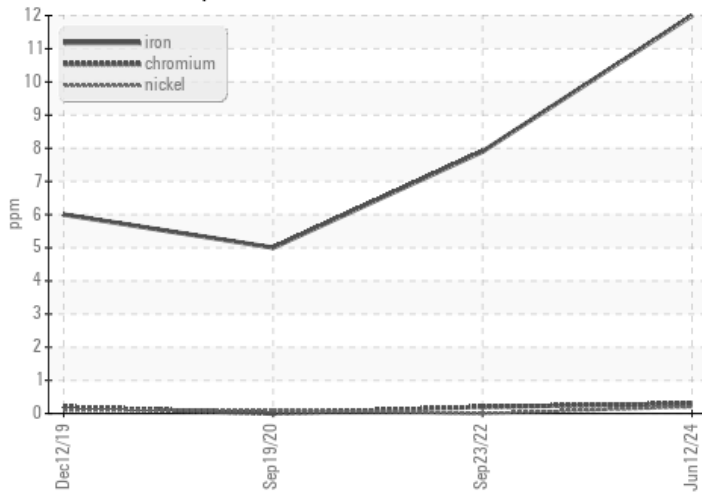
Calcium	ppm	2407	3585	2880	3091
Magnesium	ppm	268	16	11	8
Zinc	ppm	888	1070	969	1031
Phosphorus	ppm	790	1055	899	992
Barium	ppm	<1	0	0	<1
Boron	ppm	124	132	4	3

Depot: UNIBURIL
Unique No: 11103637
Signed: Wes Davis
Report Date: 02 Jul 2024

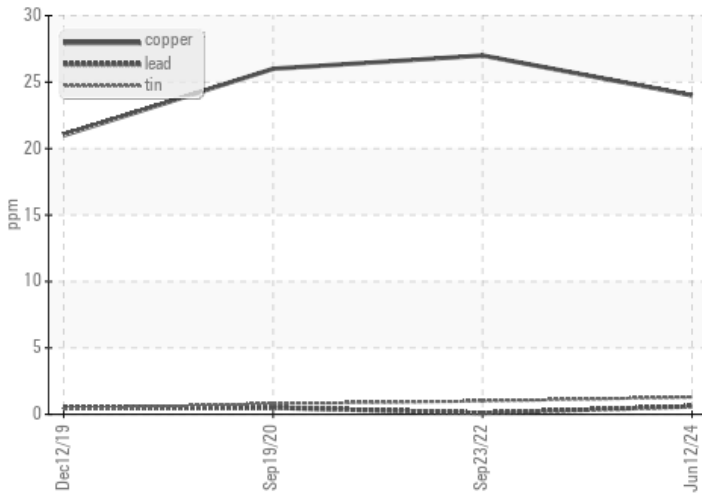


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

