

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60 115240-1529 - Splitter Box

Sample No: LH0272835

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0272835	LH0254122	LHMC115997	---
Sample Date	20 Dec 2023	17 Jun 2023	29 Sep 2022	---
Machine Hours	4719	4033	2906	---
Oil Hours	686	775	1816	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

DAVIS INDUSTRIAL INC.
 9920 RICHMOND HIGHWAY
 LORTON, VA
 US 22079
 Contact: JAMIE
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	216	134	91.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	2	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	1	2	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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	14	13	9	---
Copper	ppm	2	1	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	2	<1	3	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

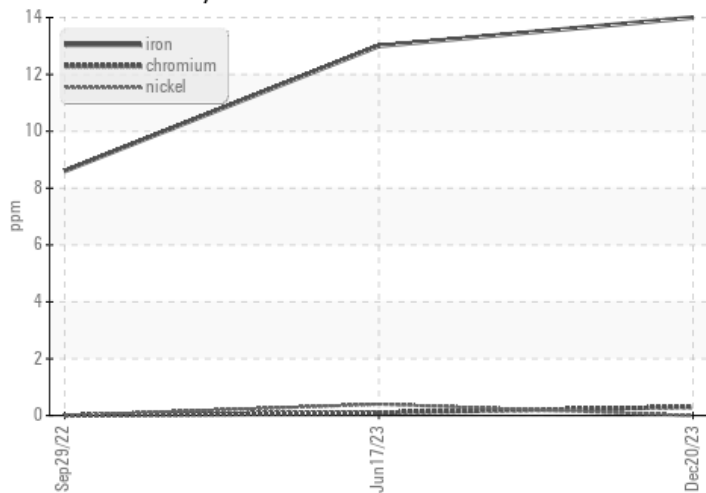
Calcium	ppm	104	83	99	---
Magnesium	ppm	3	3	3	---
Zinc	ppm	82	91	80	---
Phosphorus	ppm	1116	1054	523	---
Barium	ppm	8	0	0	---
Boron	ppm	5	9	0	---

Depot: DAVLORVA
 Unique No: 10859957
 Signed: Don Baldrige
 Report Date: 04 Feb 2024

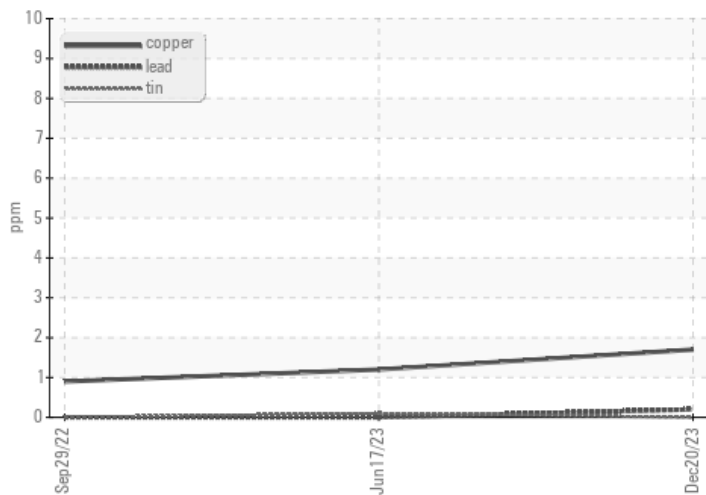


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

