

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60C 1528-98445 - Splitter Box

Sample No: LH0272839

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0272839	LH0267363	LH0229884	LHMC115999
Sample Date	20 Dec 2023	05 Sep 2023	27 Sep 2022	10 May 2018
Machine Hours	12491	11098	10049	985
Oil Hours	573	969	1994	985
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

DAVIS INDUSTRIAL INC.
 9920 RICHMOND HIGHWAY
 LORTON, VA
 US 22079
 Contact: JAMIE
 jamie.davisindustries@gmail.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	141	136	92.5	282.5
-------------	-----	-----	-----	------	-------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	5	2	<1
Sodium	ppm	0	0	<1	4
Potassium	ppm	1	<1	0	<1

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	20	8	5	10
Copper	ppm	3	<1	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	2	1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	1	<1	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

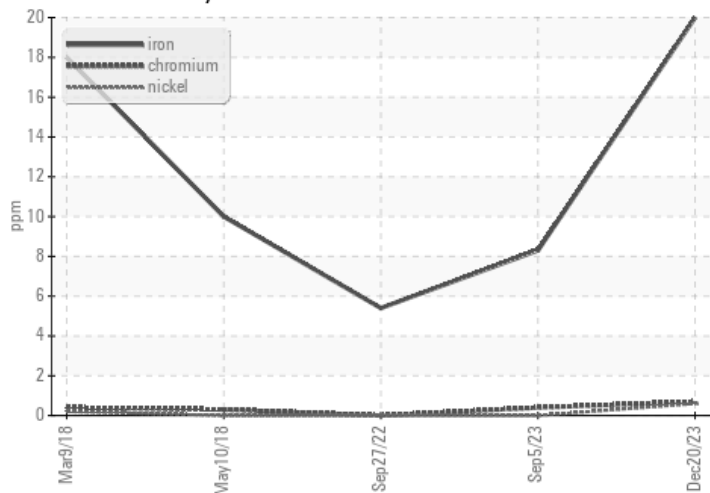
Calcium	ppm	28	23	21	23
Magnesium	ppm	4	4	2	0
Zinc	ppm	54	63	70	12
Phosphorus	ppm	707	666	479	1094
Barium	ppm	0	0	0	0
Boron	ppm	5	4	0	3

Depot: DAVLORVA
 Unique No: 10859979
 Signed: Don Baldrige
 Report Date: 04 Feb 2024

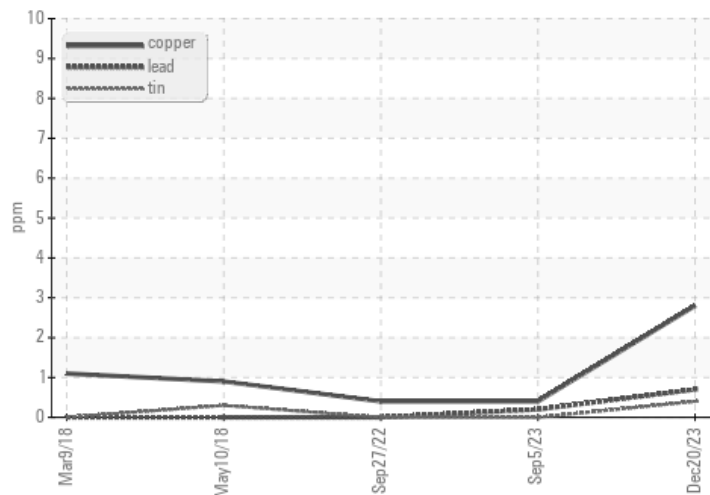


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

