

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60C1528-98445 - Right Final Drive

Sample No: LH0272840

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0272840	LH0267364	LH0229883	LHMC116830
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.
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 LORTON, VA
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	349	220	101	320.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	8	1	<1
Sodium	ppm	0	0	<1	5
Potassium	ppm	1	<1	0	2

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	24	45	29	9
Copper	ppm	4	7	4	4
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	2	2	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	1	<1	0	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

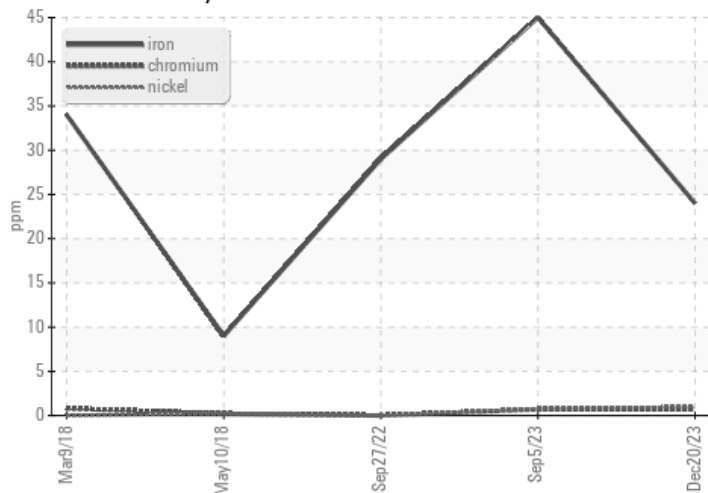
Calcium	ppm	6	7	0	37
Magnesium	ppm	<1	1	<1	0
Zinc	ppm	0	8	4	11
Phosphorus	ppm	1132	962	515	1224
Barium	ppm	0	0	0	0
Boron	ppm	4	<1	0	4

Depot: DAVLORVA
 Unique No: 10859982
 Signed: Don Baldrige
 Report Date: 04 Feb 2024

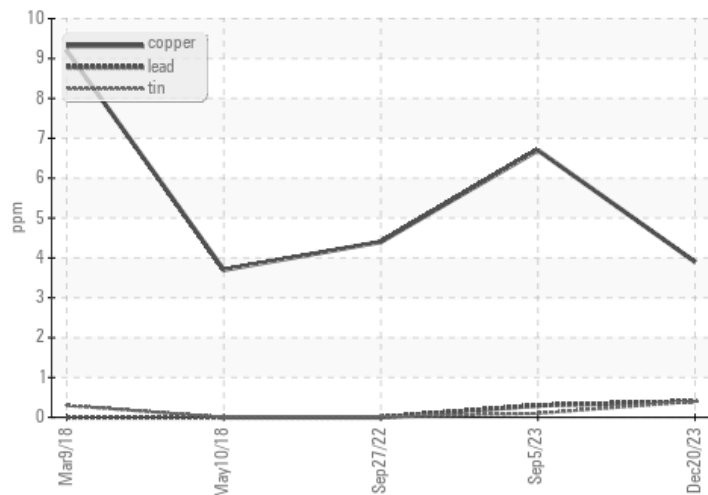


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

