

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904 052442-1071 - Splitter Box

Sample No: LH0268149

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0268149	LHMC84130	LHMC84182	LHMC84199
Sample Date	04 Mar 2024	13 Dec 2017	02 Jun 2016	08 Oct 2015
Machine Hours	14220	4318	2020	1287
Oil Hours	1000	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	ATTENTION

SCRAP INTERNATIONAL

940 150TH ST
HAMMOND, IN
US 46327
Contact: RICK BARLAGE



OIL CONDITION

Visc @ 40°C	cSt	124	45.93	196.0	49.1
-------------	-----	-----	-------	-------	------

T: (219)689-0412
F:



CONTAMINATION

Water	%	NEG	0.295	NEG	NEG
Silicon	ppm	10	4	1	3
Sodium	ppm	2	40	2	42
Potassium	ppm	2	0	16	4

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	55	14	64	10
Copper	ppm	5	74	6	35
Lead	ppm	1	6	1	2
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	6	<1	3
Chromium	ppm	2	<1	<1	<1
Molybdenum	ppm	3	0	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	9	6	10
Vanadium	ppm	<1	0	0	0



ADDITIVES

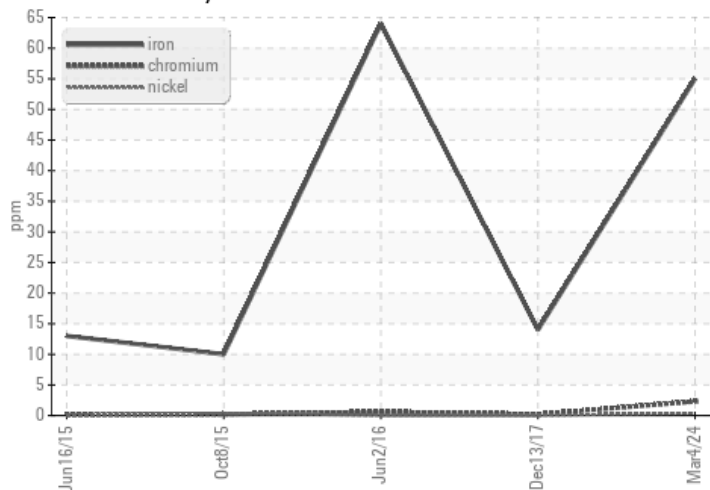
Calcium	ppm	37	2089	15	2005
Magnesium	ppm	12	162	5	158
Zinc	ppm	117	1297	17	1342
Phosphorus	ppm	686	1209	1043	1118
Barium	ppm	1	1	2	0
Boron	ppm	12	2	3	2

Depot: SCRHAM
Unique No: 10943063
Signed: Don Baldrige
Report Date: 28 Mar 2024

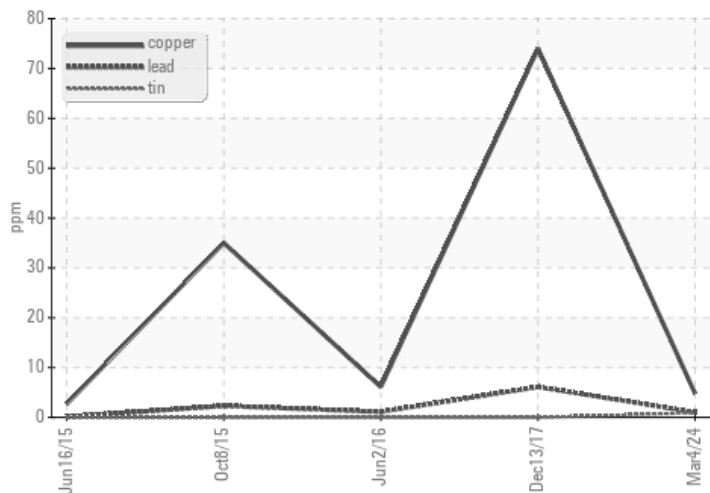


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

