

LIEBHERR

CONSTRUCTION EQUIPMENT



[[KIMMEL]] LIEBHERR LH50 145582-1216 - Front Right Wheel

Sample No: LH0272947

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0272947	LH0268521	LH0243263	LH0243209
Sample Date	20 Nov 2023	14 Sep 2023	15 Jun 2023	15 Mar 2023
Machine Hours	2062	1633	1005	461
Oil Hours	0	1633	0	461
Oil Changed	Changed	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RECO EQUIPMENT INC
 10461 GRAND RIVER RD
 BRIGHTON, MI
 US 48116
 Contact: MATT VISEL
 MVISEL@RECOEQUIP.COM
 T: (810)299-1731
 F:



OIL CONDITION

Visc @ 40°C	cSt	140	140	140	142
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	12	14	14
Sodium	ppm	7	9	8	8
Potassium	ppm	3	4	6	2

Diagnosis



WEAR METALS

Iron	ppm	73	70	62	58
Copper	ppm	25	25	18	8
Lead	ppm	0	0	1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	3	4	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	5	4
Vanadium	ppm	0	0	0	<1



ADDITIVES

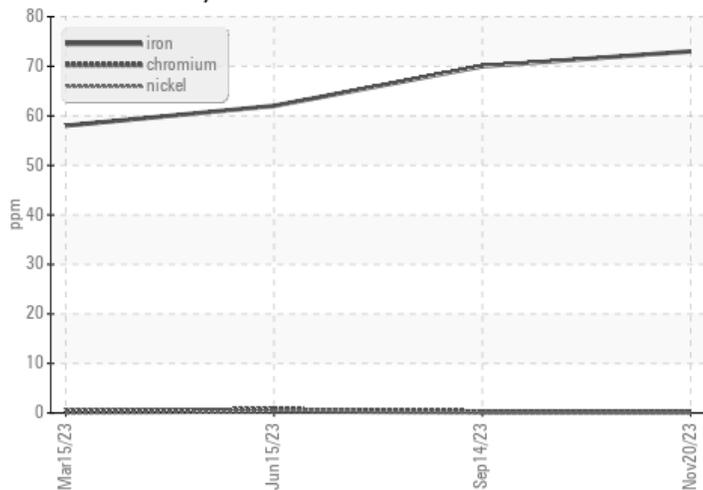
Calcium	ppm	39	59	50	51
Magnesium	ppm	2	3	8	4
Zinc	ppm	17	38	30	14
Phosphorus	ppm	1559	1590	1684	1615
Barium	ppm	<1	0	0	0
Boron	ppm	31	35	57	72

Depot: RECBRILH
Unique No: 10849977
Signed: Don Baldrige
Report Date: 31 Jan 2024

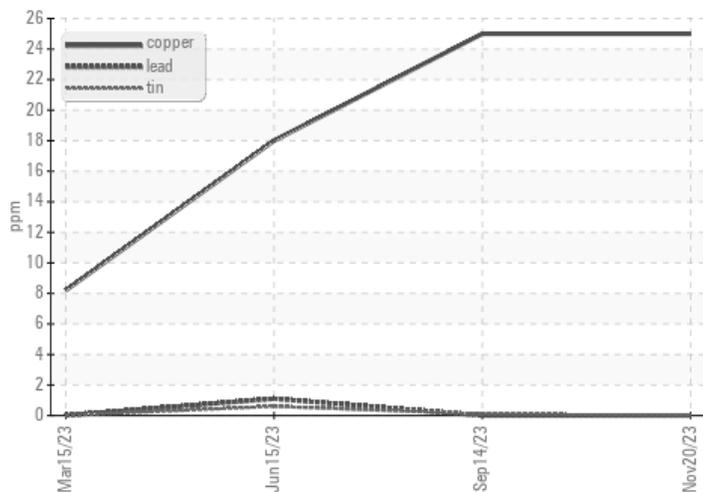


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

