

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 1334-47604 - Splitter Box

Sample No: LHMC163517

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LHMC163517	LH0244226	LH0185405	LHMC117169
Sample Date	16 Sep 2023	05 May 2023	05 Jan 2023	17 Oct 2022
Machine Hours	6599	6033	5748	5304
Oil Hours	535	0	250	250
Oil Changed	Not Changd	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GENESEE AGGREGATES

PO BOX 270518
MILWAUKEE, WI
US 53227
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OIL CONDITION

Visc @ 40°C	cSt	129	90.5	97.8	110
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CONTAMINATION

Silicon	ppm	4	4	3	4
Sodium	ppm	2	0	2	<1
Potassium	ppm	0	2	<1	0



WEAR METALS

Iron	ppm	103	71	61	52
Copper	ppm	1	1	1	2
Lead	ppm	3	2	2	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	0	1	8
Chromium	ppm	2	1	<1	<1
Molybdenum	ppm	2	3	3	3
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	237	384	284	194
Magnesium	ppm	11	26	27	35
Zinc	ppm	359	278	214	138
Phosphorus	ppm	1734	633	608	619
Barium	ppm	0	0	3	<1
Boron	ppm	12	24	25	15

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.

Depot: GENMILLH
Unique No: 10673783
Signed: Don Baldrige
Report Date: 04 Oct 2023



GRAPHS

