LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 107256-1216 - Swing Drive

Sample No: LH06173163

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Oil Type: GEAR OIL SAE 80W90

Ō Samu	ple Infor				
Sample Number	pie illior	LH06173163	LH05510131	LH05170956	LHMC133362
Sample Date			03 Apr 2022	30 Jan 2021	05 Jan 2020
Machine Hours		08 May 2024 3993	2974	1987	1017
Dil Hours		0			0
		N/A	0	O Chananad	-
Oil Changed Sample Status		N/A NORMAL	Changed NORMAL	Changed ABNORMAL	Changed
<u> </u>	ondition				
/isc @ 40°C	cSt	196	O 229	O 238	O 208
all de					
Cont	aminati	on			
Vater	%	NEG	NEG	0.366	NEG
Silicon	ppm	3	O 4	4	O 2
Sodium	ppm	O <1	O 2	O 0	3
Potassium	ppm	2	O 0	O 0	0
*					
Wea	r Metals	5			
ron	ppm	373	O 863	O 1225	○ 683
Copper	ppm	78	O 73	86	44
_ead	ppm	0 <1	O <1	O <1	0
in	ppm	6	O 4	3	0
lluminum	ppm	0 <1	O 2	0 0	O <1
Chromium	ppm	0 4	0 8	O 11	O 4
Nolybdenum	ppm	0 1	O <1	O <1	00
Nickel	ppm	01	O <1	O <1	O <1
Γitanium	ppm	0 <1	0 0	0 0	0 0
Silver	ppm	0	0	0	0

 \bigcirc 3

 \bigcirc <1

26

0

02

2318



DIEHL AND NUEMAIER

5466 NORWAY GROVE SCHOOL RD DE FOREST, WI

US 53532

Contact: ELLIOT DIEHL diehlneumaier@yahoo.com

T: (608)846-4824 F: (608)846-2077

Diagnosis

6

22

09

02

111

1906

 \bigcirc 9

 \bigcirc 3

61

 \bigcirc <1

2074

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: DIEDEF
Unique No: 11019216
Signed: Sean Felton
Report Date: 10 May 2024

Contact/Location: ELLIOT DIEHL - DIEDEF

4

2

2

42

0

10

2309

<1

ppm

ppm

mqq

ppm

ppm

ppm

ppm

ppm

Additives

CONSTRUCTION EQUIPMENT





Graphs

