

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 046903-1464 - Splitter Box

Sample No: LHMC122829

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### Sample Information

Sample Number	LHMC122829	LHMC122846	LHMC163269	LHMC122849
Sample Date	22 Apr 2024	07 Dec 2023	25 Oct 2023	06 Sep 2023
Machine Hours	12646	11891	11633	11386
Oil Hours	250	250	500	250
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### GENESEE AGGREGATES

PO BOX 270518

MILWAUKEE, WI

US 53227

Contact: MATT ZARNSTORFF

mzarnstorff@genagg.com

T: (414)322-8565

F: (262)968-3247



#### Oil Condition

Visc @ 40°C	cSt	111	94.4	98.1	103
-------------	-----	-----	------	------	-----



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	6	6	5
Sodium	ppm	1	0	2	1
Potassium	ppm	0	<1	<1	0

#### 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	30	24	23	25
Copper	ppm	0	<1	1	0
Lead	ppm	0	<1	1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	0
Chromium	ppm	1	1	1	1
Molybdenum	ppm	2	<1	3	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	127	243	216	169
Magnesium	ppm	8	26	25	29
Zinc	ppm	90	176	165	84
Phosphorus	ppm	825	754	712	695
Barium	ppm	0	0	0	0
Boron	ppm	0	9	11	9

Depot: GENMILLH

Unique No: 11009953

Signed: Jonathan Hester

Report Date: 08 May 2024



### Graphs

