

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363880)] LIEBHERR L550 064917-1756 - Splitter Box

Sample No: LH0279044

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0279044	LH0261012	LH0250799	LH0235285
Sample Date	22 Jan 2024	15 Jun 2023	03 Feb 2023	14 Sep 2022
Machine Hours	5982	4922	4136	3114
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

**ARMAND DUHAMEL et FILS INC.**  
 778 RUE DE L' EGLISE  
 ST-IGNACE-STANDBRIDGE, QC  
 CA J0J 1Y0  
 Contact:



#### OIL CONDITION

Visc @ 40°C	cSt	177	176	173	180
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	<1	2
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	0	<1	0

#### Diagnosis

Resample at the next service interval to monitor. Nickel ppm levels are noted. All other 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	18	10	13	17
Copper	ppm	1	2	2	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	2	2	2	2
Nickel	ppm	6	1	3	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	6	6	32	7
Magnesium	ppm	2	<1	<1	2
Zinc	ppm	223	157	146	132
Phosphorus	ppm	2329	2327	2446	2351
Barium	ppm	<1	0	0	<1
Boron	ppm	<1	1	3	5

Depot: ARMSTI  
 Unique No: 5720759  
 Signed: Bill Quesnel  
 Report Date: 29 Jan 2024



### GRAPHS

