

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(336345)] LIEBHERR L586 060438-1334 - Splitter Box

Sample No: LH0288237

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

Sample Number	LH0288237	LH0278554	LH0242724	LH
Sample Date	26 Apr 2024	01 Nov 2023	14 Jan 2023	24 Sep 2022
Machine Hours	7991	6957	5019	6018
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

**Bird's Hill Gravel and Stone Ltd.**  
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#### Oil Condition

Visc @ 40°C	cSt	152	91.7	94.2	50.0
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	3	3	2
Sodium	ppm	2	2	2	<1
Potassium	ppm	<1	0	<1	<1

#### 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	19	25	17	33
Copper	ppm	3	4	2	2
Lead	ppm	1	4	4	2
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	1	<1	<1
Chromium	ppm	<1	2	1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	285	565	582	465
Magnesium	ppm	3	6	4	5
Zinc	ppm	152	310	294	597
Phosphorus	ppm	2138	1592	1807	907
Barium	ppm	0	<1	0	0
Boron	ppm	5	4	6	25

Depot: BIRWIN  
 Unique No: 5773519  
 Signed: Wes Davis  
 Report Date: 30 Apr 2024



### Graphs

