

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055862-1334 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	LH	LH	LH0213744
Sample Date	22 Feb 2024	07 Aug 2023	23 Apr 2022	23 Apr 2022
Machine Hours	9056	8000	7000	5000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Bird's Hill Gravel and Stone Ltd.

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OIL CONDITION

Visc @ 40°C	cSt	185	118	97.5	80.7
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CONTAMINATION

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



WEAR METALS

Iron	ppm	31	23	27	40
Copper	ppm	<1	<1	1	3
Lead	ppm	<1	<1	1	3
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	43	333	376	342
Magnesium	ppm	9	9	6	10
Zinc	ppm	397	246	343	418
Phosphorus	ppm	2176	1927	1881	1521
Barium	ppm	0	0	0	0
Boron	ppm	3	6	15	9

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: BIRWIN

Unique No: 5736141

Signed: Kevin Marson

Report Date: 29 Feb 2024



GRAPHS

