

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 058671-1334 - Splitter Box

Sample No: LH0266011

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0266011	LH0150832	LH0199517	LH
Sample Date	04 Jun 2023	16 Dec 2022	07 Jul 2022	08 Jan 2022
Machine Hours	6000	5000	0	3000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Bird's Hill Gravel and Stone Ltd.
 1 Terracon Place
 Winnipeg, MB
 CA R2J 4B3
 Contact: Joel Malkoske
 Jmalkoske@glacialagg.ca
 T: (204)663-0064
 F:



OIL CONDITION

Visc @ 40°C	cSt	130	112	114	113
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	1	2	3	3
Sodium	ppm	2	2	3	2
Potassium	ppm	<1	<1	<1	1



WEAR METALS

Iron	ppm	13	22	37	42
Copper	ppm	2	4	2	2
Lead	ppm	1	3	2	2
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	3
Nickel	ppm	<1	<1	1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	132	264	301	231
Magnesium	ppm	4	4	3	2
Zinc	ppm	130	175	161	140
Phosphorus	ppm	1966	1888	1797	1856
Barium	ppm	0	0	0	<1
Boron	ppm	3	11	43	39

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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: 5619657
 Signed: Wes Davis
 Report Date: 08 Aug 2023



GRAPHS

