

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Splitter Box

Sample No: LH0274426

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0274426	LH0256596	LH0251606	LH0242636
Sample Date	15 Aug 2023	27 Mar 2023	26 Jan 2023	04 Nov 2022
Machine Hours	11526	10029	9397	8865
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

CGC INC
 55 THIRD LINE RD
 HAGERSVILLE, ON
 CA N0A 1H0
 Contact: Mike Otterman
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 T: (905)768-2038
 F:



OIL CONDITION

Visc @ 40°C	cSt	70.6	79.3	64.4	69.6
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CONTAMINATION

Silicon	ppm	7	2	4	4
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	<1	0



WEAR METALS

Iron	ppm	16	8	24	22
Copper	ppm	<1	<1	1	1
Lead	ppm	<1	<1	3	3
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	1	<1	<1	1
Nickel	ppm	2	<1	2	1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	99	219	190
Magnesium	ppm	5	2	3	3
Zinc	ppm	250	152	296	241
Phosphorus	ppm	1160	1274	1115	1157
Barium	ppm	0	0	0	0
Boron	ppm	218	260	178	202

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: CGCHAG
 Unique No: 5629266
 Signed: Wes Davis
 Report Date: 16 Aug 2023

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GRAPHS

