

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Splitter Box

Sample No: LH0270255

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0270255	LH0274426	LH0256596	LH0251606
Sample Date	25 Sep 2023	15 Aug 2023	27 Mar 2023	26 Jan 2023
Machine Hours	12214	11526	10029	9397
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	77.7	70.6	79.3	64.4
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CONTAMINATION

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



WEAR METALS

Element	Unit	11	16	8	24
Iron	ppm	11	16	8	24
Copper	ppm	<1	<1	<1	1
Lead	ppm	<1	<1	<1	3
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	1	2	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	53	71	99	219
Calcium	ppm	53	71	99	219
Magnesium	ppm	2	5	2	3
Zinc	ppm	159	250	152	296
Phosphorus	ppm	1214	1160	1274	1115
Barium	ppm	<1	0	0	0
Boron	ppm	264	218	260	178

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: 5646338
Signed: Wes Davis
Report Date: 26 Sep 2023

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GRAPHS

