

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Splitter Box

Sample No: LH0281407

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0281407	LH0270255	LH0274426	LH0256596
Sample Date	21 Jan 2024	25 Sep 2023	15 Aug 2023	27 Mar 2023
Machine Hours	13061	12214	11526	10029
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CGC INC
 55 THIRD LINE RD
 HAGERSVILLE, ON
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OIL CONDITION

Visc @ 40°C	cSt	83.7	77.7	70.6	79.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	4	7	2
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	<1	0	<1	0

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	5	11	16	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	<1	1	<1
Nickel	ppm	<1	1	2	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	39	53	71	99
Magnesium	ppm	4	2	5	2
Zinc	ppm	75	159	250	152
Phosphorus	ppm	1228	1214	1160	1274
Barium	ppm	0	<1	0	0
Boron	ppm	295	264	218	260

Depot: CGCHAG
 Unique No: 5711451
 Signed: Wes Davis
 Report Date: 22 Jan 2024



GRAPHS

