

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068730 - Splitter Box

Sample No: LH0285020

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0285020	LH0266074	LH0261571	LH0247057
Sample Date	11 Feb 2024	23 Jun 2023	09 May 2023	21 Feb 2023
Machine Hours	8094	5380	4658	4125
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CGC INC
 55 THIRD LINE RD
 HAGERSVILLE, ON
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OIL CONDITION

Visc @ 40°C	cSt	91.7	92.1	91.0	96.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	5	2	1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	0	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	15	10	8	7
Copper	ppm	<1	<1	<1	0
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	36	43	44	13
Magnesium	ppm	4	2	1	<1
Zinc	ppm	46	41	54	13
Phosphorus	ppm	1269	1289	1260	1324
Barium	ppm	0	0	0	0
Boron	ppm	294	295	282	311

Depot: CGCHAG
 Unique No: 5724212
 Signed: Wes Davis
 Report Date: 13 Feb 2024



GRAPHS

