

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055418-1334 - Splitter Box

Sample No: LH0276258

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0276258	LH0285115	LH0281407	LH0270255
Sample Date	14 May 2024	11 Feb 2024	21 Jan 2024	25 Sep 2023
Machine Hours	14463	13516	13061	12214
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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Oil Condition

Visc @ 40°C	cSt	81.8	87.6	83.7	77.7



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	<1	1	4
Sodium	ppm	1	0	1	<1
Potassium	ppm	<1	<1	<1	0



Wear Metals

Iron	ppm	10	5	5	11
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	48	30	39	53
Magnesium	ppm	2	2	4	2
Zinc	ppm	104	73	75	159
Phosphorus	ppm	1175	1270	1228	1214
Barium	ppm	0	0	0	<1
Boron	ppm	274	289	295	264

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: 5776978
Signed: Wes Davis
Report Date: 15 May 2024



Graphs

