

LIEBHERR

CONSTRUCTION EQUIPMENT



[(344443)] LIEBHERR LH24 118108-1251 - Swing Drive

Sample No: LH0250459

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



ABC RECYCLING
 8081 MEADOW AVE.
 BURNABY, BC
 CA V3N 2V9
 Contact: John Anderson
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 F:



Sample Information

Sample Number	LH0250459	LH0260602	LH0194122	LH0194115
Sample Date	04 Apr 2024	21 Sep 2023	04 Apr 2023	26 Jan 2023
Machine Hours	7662	6390	5211	4500
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	101	107	108	135
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	3	2	4
Sodium	ppm	<1	1	0	0
Potassium	ppm	<1	0	0	0



Wear Metals

Iron	ppm	36	114	33	49
Copper	ppm	23	20	9	5
Lead	ppm	0	<1	<1	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	7	3	0	1
Magnesium	ppm	3	<1	<1	0
Zinc	ppm	16	5	2	3
Phosphorus	ppm	1156	596	647	638
Barium	ppm	0	<1	0	0
Boron	ppm	285	5	4	8

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: ABCBUR
Unique No: 5772158
Signed: Wes Davis
Report Date: 23 Apr 2024



Graphs

