

LIEBHERR

CONSTRUCTION EQUIPMENT



[(344443)] LIEBHERR LH24 118108-1251 - Rear Left Wheel Hub

Sample No: LH0250455

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



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

Sample Number	LH0250455	LH0260606	LH0250352	LH0194061
Sample Date	04 Apr 2024	21 Sep 2023	14 May 2023	24 Nov 2022
Machine Hours	7662	6390	5211	4074
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	104	102	92.1	105
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	2	6	1
Sodium	ppm	<1	2	6	2
Potassium	ppm	<1	0	<1	<1



Wear Metals

Iron	ppm	8	12	53	11
Copper	ppm	<1	2	6	1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	1
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	29	111	200	140
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	15	43	58	52
Phosphorus	ppm	1238	1354	1126	1676
Barium	ppm	0	<1	0	0
Boron	ppm	281	143	95	190

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: 5772160
 Signed: Wes Davis
 Report Date: 23 Apr 2024

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Graphs

