

LIEBHERR

CONSTRUCTION EQUIPMENT



[(346464)] LIEBHERR LH30M 124535-1253 - Rear Left Wheel

Sample No: LH0286589

Oil Type: GEAR OIL SAE 75W90



JOHN ROSS & SONS LTD.
 85 GLASSY AVENUE
 TRURO, NS
 CA B2N 6Z1
 Contact: Service Manager



Sample Information

Sample Number	LH0286589	LH0269641	LH0224220	LH0194917
Sample Date	16 Mar 2024	18 Oct 2023	04 Apr 2022	03 Oct 2021
Machine Hours	6121	5046	2025	1068
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



Oil Condition

Visc @ 40°C	cSt	103	98.5	94.6	56.0
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	2	7
Sodium	ppm	2	2	3	16
Potassium	ppm	<1	0	<1	2

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	4	6	7	7
Copper	ppm	1	4	2	4
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	0	0	<1	2
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	48	140	617	3491
Magnesium	ppm	1	2	3	11
Zinc	ppm	25	69	268	1407
Phosphorus	ppm	1221	1206	1294	1203
Barium	ppm	<1	<1	2	1
Boron	ppm	310	286	278	101

Depot: JOHTRU
 Unique No: 5760222
 Signed: Wes Davis
 Report Date: 05 Apr 2024



Graphs

