

LIEBHERR

CONSTRUCTION EQUIPMENT



[(368399)] LIEBHERR LH26M 135984-1252 - Rear Right Wheel

Sample No: LH0225724

Oil Type: GEAR OIL SAE 80W90



TJ LOADING INC.
2651 HIGHWAY 420
SILLIKERS, NB
CA E9E 1T8
Contact: Service Manager



Sample Information

Sample Number	LH0225724	LH0225713	LH0225702	---
Sample Date	28 Jun 2024	01 Dec 2023	05 May 2023	---
Machine Hours	3780	3000	1500	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	122	122	63.6	---
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	8	---
Sodium	ppm	4	4	16	---
Potassium	ppm	<1	3	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	17	11	16	---
Copper	ppm	3	3	7	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	3	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	270	276	3501	---
Magnesium	ppm	2	1	11	---
Zinc	ppm	151	153	1385	---
Phosphorus	ppm	1002	1013	1232	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	202	201	99	---

Depot: TJLSIL
Unique No: 5812322
Signed: Kevin Marson
Report Date: 10 Jul 2024



Graphs

