

LIEBHERR

CONSTRUCTION EQUIPMENT



[(368399)] LIEBHERR LH26M 135984-1252 - Swing Drive

Sample No: LH0225720

Oil Type: GEAR OIL SAE 80W90



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



Sample Information

Sample Number	LH0225720	LH0225709	LH0225698	---
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	ABNORMAL	---



Oil Condition

Visc @ 40°C	cSt	137	139	168	---
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	<1	3	---
Sodium	ppm	2	1	7	---
Potassium	ppm	<1	12	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

PQ		---	---	262	---
Iron	ppm	101	48	356	---
Copper	ppm	49	34	52	---
Lead	ppm	<1	<1	2	---
Tin	ppm	<1	<1	2	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	1	<1	3	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	3	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	22	15	87	---
Magnesium	ppm	<1	<1	1	---
Zinc	ppm	8	6	23	---
Phosphorus	ppm	1086	1075	2318	---
Barium	ppm	2	1	6	---
Boron	ppm	207	212	8	---

Depot: TJLSIL
Unique No: 5812321
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

