

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 070058-1761- Front Differential

Sample No: LH
 Oil Type: NOT GIVEN



Sample Information

Sample Number	LH	LH0260169	---	---
Sample Date	03 May 2024	19 May 2023	---	---
Machine Hours	3352	1026	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

Gravier Collet Gravel
 SW31-6-8W
 Notre Dame de Lourdes, MB
 CA R0G 1M0
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	89.4	194	---	---
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T:
 F:



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	13	30	---	---
Sodium	ppm	4	8	---	---
Potassium	ppm	<1	1	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Tin ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



Wear Metals

Iron	ppm	387	173	---	---
Copper	ppm	152	145	---	---
Lead	ppm	3	4	---	---
Tin	ppm	14	9	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	22	47	---	---
Vanadium	ppm	0	<1	---	---



Additives

Calcium	ppm	19	10	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	76	36	---	---
Phosphorus	ppm	2486	2411	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	239	<1	---	---

Depot: GRANOT
 Unique No: 5775097
 Signed: Kevin Marson
 Report Date: 07 May 2024



Graphs

