

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 070058-1761- Rear Differential

Sample No: LH
Oil Type: NOT GIVEN



Sample Information

Sample Number	LH	LH0260171	---	---
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	92.8	193	---	---
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T:
F:



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	10	22	---	---
Sodium	ppm	3	4	---	---
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	248	149	---	---
Copper	ppm	172	149	---	---
Lead	ppm	3	5	---	---
Tin	ppm	11	7	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	18	36	---	---
Vanadium	ppm	0	<1	---	---



Additives

Calcium	ppm	13	9	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	52	34	---	---
Phosphorus	ppm	2182	2490	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	252	<1	---	---

Depot: GRANOT
Unique No: 5775070
Signed: Kevin Marson
Report Date: 07 May 2024



Graphs

