

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 067666-1760 - Rear Right Wheel Hub

Sample No: LH0233943

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0233943	LH0233998	---	---
Sample Date	22 Jan 2024	15 Dec 2022	---	---
Machine Hours	5478	1018	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

WEST CARLETON SAND & GRAVEL INC.
3232 CARP ROAD
CARP, ON
CA K0A 1L0
Contact: Troy Whalen
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T: (613)836-3090
F:



OIL CONDITION

Visc @ 40°C	cSt	89.5	192	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	30	---	---
Sodium	ppm	2	8	---	---
Potassium	ppm	<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	40	274	---	---
Copper	ppm	26	179	---	---
Lead	ppm	<1	4	---	---
Tin	ppm	2	12	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	3	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	45	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	191	11	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	75	124	---	---
Phosphorus	ppm	1227	2275	---	---
Barium	ppm	3	0	---	---
Boron	ppm	182	2	---	---

Depot: WES654STI
Unique No: 5723202
Signed: Wes Davis
Report Date: 07 Feb 2024



GRAPHS

