

LIEBHERR

CONSTRUCTION EQUIPMENT



144379-1218 - Rear Right Wheel Hub

Sample No: LH0255217

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0255217	LH0255206	---	---
Sample Date	06 Dec 2023	09 Jun 2023	---	---
Machine Hours	2248	1110	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

American Iron and Metal

10305 Metropolitaine Est, Garage porte 13
Montreal, QC

CA H1B 1A1

Contact: Sebastien Liautaud

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OIL CONDITION

Visc @ 40°C	cSt	139	156	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	6	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	79	32	---	---
Copper	ppm	2	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	51	194	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	12	47	---	---
Phosphorus	ppm	639	1593	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	2	9	---	---

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.

Depot: LACMON

Unique No: 5695756

Signed: Wes Davis

Report Date: 12 Dec 2023



GRAPHS

