

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 144379-1218 - Front Left Wheel Hub

Sample No: LH0255214

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0255214	LH0255203	---	---
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  
 sliautaud@aimrecyclinggroup.com  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	156	148	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	14	---	---
Sodium	ppm	3	4	---	---
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	50	88	---	---
Copper	ppm	9	3	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	3	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	166	200	---	---
Magnesium	ppm	1	3	---	---
Zinc	ppm	41	60	---	---
Phosphorus	ppm	1497	1537	---	---
Barium	ppm	2	<1	---	---
Boron	ppm	8	5	---	---

Depot: LACMON  
 Unique No: 5695757  
 Signed: Wes Davis  
 Report Date: 12 Dec 2023



### GRAPHS

