

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR T60-9 022201-1709 - Rear Differential

Sample No: LH0228238

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH0228238	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	1045	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ECOWASTE INDUSTRIES
 4 SPRUCE ST
 NEW WESTMINSTER, BC
 CA V3L 5G6
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 51.9	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---

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	● 30	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 3378	---	---	---
Magnesium	ppm	● 13	---	---	---
Zinc	ppm	● 1287	---	---	---
Phosphorus	ppm	● 1312	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 94	---	---	---

Depot: ECONEW
Unique No: 5734578
Signed: Wes Davis
Report Date: 22 Feb 2024



GRAPHS

