

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 066100-1758 - Front Left Wheel Hub

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	4020	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LAVINGTON PELLET LTD
 9900 SCHOOL ROAD
 COLDSTREAM, BC
 CA V1B 3C7
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	● 178	---	---	---
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T:
F:



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 2	---	---	---
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	● 85	---	---	---
Copper	ppm	● 21	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 11	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 21	---	---	---
Phosphorus	ppm	● 2252	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Depot: LAVCOL
Unique No: 5761707
Signed: Wes Davis
Report Date: 12 Apr 2024



Graphs

