

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068244 - Front Left Wheel Hub

Sample No: LH

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	15 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Gerdau - Mandak Metal Processors Ltd.,
 1 Railway St., P.O. Box 334
 Selkirk, MB
 CA R1A 2B3
 Contact: Santiago Giraldo
 santiago.giraldo@gerdau.com
 T:
 F: (204)482-8241



OIL CONDITION

Visc @ 40°C	cSt	183	---	---	---
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CONTAMINATION

Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---

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	20	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	2184	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	6	---	---	---

Depot: MANSEL
 Unique No: 5669324
 Signed: Kevin Marson
 Report Date: 27 Oct 2023



GRAPHS

