

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068244 - Front Right Wheel Hub

Sample No: LH0278522

Oil Type: LIEBHERR GEAR BASIC 90 LS



Gerdau - Mandak Metal Processors Ltd.,
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 Selkirk, MB
 CA R1A 2B3
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SAMPLE INFORMATION

Sample Number	LH0278522	LH	---	---
Sample Date	22 Dec 2023	15 Sep 2023	---	---
Machine Hours	7142	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	185	184	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	37	20	---	---
Copper	ppm	4	5	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	5	7	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	6	11	---	---
Phosphorus	ppm	2317	2195	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	2	6	---	---

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: MANSEL
 Unique No: 5720330
 Signed: Wes Davis
 Report Date: 25 Jan 2024



GRAPHS

