

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH110 155976-1227 - Front Right Wheel Hub

Sample No: LH0280577

Oil Type: GEAR OIL SAE 80W90



**KINDER MORGAN**  
4301 IVERSON  
TRINITY, AL  
US 35601  
Contact: CHIP OAKES

T: (256)350-0006  
F: (256)355-5250

#### 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.



#### SAMPLE INFORMATION

Sample Number	LH0280577	LH0280566	---	---
Sample Date	23 Feb 2024	30 Jan 2024	---	---
Machine Hours	995	534	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	173	172	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	10	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	1	1	---	---



#### WEAR METALS

Iron	ppm	41	33	---	---
Copper	ppm	2	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	142	147	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	21	4	---	---
Phosphorus	ppm	1582	1281	---	---
Barium	ppm	0	5	---	---
Boron	ppm	2	8	---	---

Depot: KINTRI  
Unique No: 10902898  
Signed: Wes Davis  
Report Date: 01 Mar 2024



### GRAPHS

