

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110 1227-155752 - Front Left Wheel Hub

Sample No: LH0280565

Oil Type: GL-5 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	LH0280565	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	507	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 150	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 33	---	---	---
Copper	ppm	● 15	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	106	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	22	---	---	---
Phosphorus	ppm	1253	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	6	---	---	---

Depot: KINTRI
Unique No: 10848682
Signed: Sean Felton
Report Date: 30 Jan 2024



GRAPHS

