

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110 1227-155752 - 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	20 Feb 2024	11 Jan 2024	---	---
Machine Hours	1022	507	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	10	8	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	46	32	---	---
Copper	ppm	0	0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	132	152	---	---
Magnesium	ppm	0	3	---	---
Zinc	ppm	13	25	---	---
Phosphorus	ppm	1448	1273	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	4	5	---	---

Depot: KINTRI
Unique No: 10898745
Signed: Wes Davis
Report Date: 27 Feb 2024



GRAPHS

