

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110 1227-155752 - Rear Differential

Sample No: LH0280560
 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	LH0280560	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	507	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 149	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 34	---	---	---
Copper	ppm	● 16	---	---	---
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	23	---	---	---
Phosphorus	ppm	1225	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	5	---	---	---

Depot: KINTRI
 Unique No: 10848681
 Signed: Sean Felton
 Report Date: 30 Jan 2024



GRAPHS

