# LIEBHERR

**CONSTRUCTION EQUIPMENT** 

# LIEBHERR LH110 1227-155752 - Rear Differential

Sample No: LH0280582

Oil Type: GEAR OIL SAE 80W90

_					
Sami	ole Infor	mation			
Sample Number		LH0280582	LH0280582	LH0280571	LH0280560
Sample Date		18 Apr 2024	19 Mar 2024	20 Feb 2024	11 Jan 2024
Machine Hours		1980	1544	1022	507
Oil Hours		0	0	0	0
Oil Changed		Changed	Not Changd	Changed	Not Changd
Sample Status		ATTENTION	ATTENTION	NORMAL	NORMAL
A Clarac		7.112.1111GIT	71112111011		
OilCo	ondition				
/isc @ 40°C	cSt	97.0	O 103	O 149	O 149
L	331	0 01.0	0 .00	0	00
	• -•				
Cont	aminatio	on .			
Nater	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	<b>4</b>	0 8	O 7
Sodium	ppm	<b>0</b> <1	O 1	O 2	<b>4</b>
Potassium	ppm	<b>0</b>	O <1	O 0	O 1
	r Metals				
ron	ppm	<b>47</b>	<b>38</b>	O 61	O 34
Copper	ppm	<b>14</b>	O 10	O 27	O 16
_ead	ppm	<b>0</b>	O 0	O <1	O 0
Γin	ppm	<b>0</b>	O 1	O 0	<1
Aluminum	ppm	<b>()</b> <1	O <1	O <1	O <1
Chromium	ppm	<b>○</b> <1	O <1	<1	0
Molybdenum	ppm	<b>1</b>	O 2	O <1	0
Vickel	ppm	<b>0</b>		O 0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<b>1</b>	<1	O 2	1
/anadium	ppm	0	<1	<1	0
Addi	tives				
Calcium	ppm	<b>178</b>	O 172	O 110	106
Magnesium	ppm	O 4	03	00	2
Zinc	ppm	O 101	O 90	O 23	23
	1.15			-	

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#### KINDER MORGAN 4301 IVERSON TRINITY, AL US 35601

Contact: CHIP OAKES

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### Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: KINTRI
Unique No: 11031842
Signed: Don Baldridge
Report Date: 17 May 2024

**471** 

0

Phosphorus

Barium

Boron

ppm

ppm

ppm

CONSTRUCTION EQUIPMENT





## **Graphs**

