## **P** E **CONSTRUCTION EQUIPMENT**

## LIEBHERR LH80M 1218-157090 - Front Differential

Sample No: LH0282870

**Oil Type:** GEAR OIL SAE 80W90

## **Sample Information**

Sample Number	LH0282870	LH0282881	LH0282892	
Sample Date	18 May 2024	19 Apr 2024	19 Mar 2024	
Machine Hours	1559	997	545	
Oil Hours	0	0	0	
Oil Changed	Not Changd	Changed	Not Changd	
Sample Status	ATTENTION	NORMAL	NORMAL	



<b>il Co</b>	ndition	
	cSt	0 83.5

Cont	aminati	on			
Water	%	NEG	NEG	NEG	
Silicon	ppm	06	0 6	5	
Sodium	ppm	03	03	0 4	
Potassium	ppm	0 2	0 1	○ <1	

0 162

0 163

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Wee Wee	ar Metal	5			
Iron	ppm	<b>2</b> 9	0 14	9	
Copper	ppm	0 2	○ 5	03	
Lead	ppm	0 (	0	0	
Tin	ppm	0 ()	○ <1	2	
Aluminum	ppm	6	0 1	◯ <1	
Chromium	ppm	<mark></mark> <1	0	◯ <1	
Molybdenum	ppm	0 5	0	0	
Nickel	ppm	<mark></mark> <1	0	◯ <1	
Titanium	ppm	<1	0	0	
Silver	ppm	<1	0	0	
Manganese	ppm	<b>○</b> <1	01	◯ <1	
Vanadium	ppm	<1	0	<1	

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Calcium	ppm	0 202	08	04	
Magnesium	ppm	0 38	0	○ <1	
Zinc	ppm	<b>134</b>	0	0	
Phosphorus	ppm	0 358	0 1543	0 1464	
Barium	ppm	07	223	241	
Boron	ppm	<b>0</b> 10	○ 65	68	





**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 oil viscosity is lower than normal. Confirm oil type.

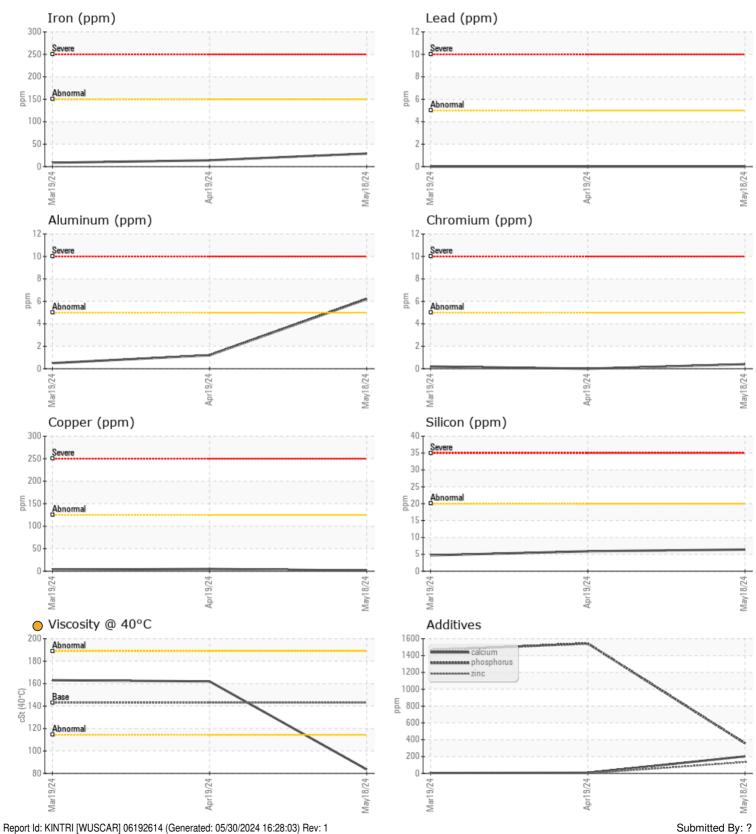
Depot: KINTRI Unique No: Signed: **Report Date:** 





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Graphs



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