

LIEBHERR LH110 1227-155752 - Rear Left Wheel Hub

Sample No: LH0280589

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0280589	LH0280578	LH0280567	
Sample Date	19 Mar 2024	20 Feb 2024	11 Jan 2024	
Machine Hours	1544	1022	507	
Oil Hours	0	0	0	
Oil Changed	Not Changd	N/A	Not Changd	
Sample Status	ATTENTION	NORMAL	NORMAL	



Visc @ 40°C

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LCC	NDITION	
	+ C+	

cSt	099.9

	NTAMINA	TION			
Water	%	NEG	NEG	NEG	
Silicon	ppm	0 4	08	8 🔘	
Sodium	ppm	○ <1	2	5	
Potassium	ppm	○ <1	0 0	0 2	

0 150 0 173

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WEA WEA	R METAL	S			
Iron	ppm	0 41	○ 72	20	
Copper	ppm	0 11	○ 28	0	
Lead	ppm	0	◯ <1	0	
Tin	ppm	01	0	◯ <1	
Aluminum	ppm	◯ <1	◯ <1	◯ <1	
Chromium	ppm	○ <1	○ <1	0	
Molybdenum	ppm	02	○ <1	0	
Nickel	ppm	○ <1	0	◯ <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	◯ <1	0 2	<1	
Vanadium	ppm	<1	<1	0	

ADD	ITIVES				
Calcium	ppm	0 175	0 107	136	
Magnesium	ppm	3	0	2	
Zinc	ppm	93	23	18	
Phosphorus	ppm	0 486	0 1445	1345	
Barium	ppm	0 🔘	◯ <1	<1	
Boron	ppm	0 2	6	5	





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. The condition of the oil is acceptable for the time in service.

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

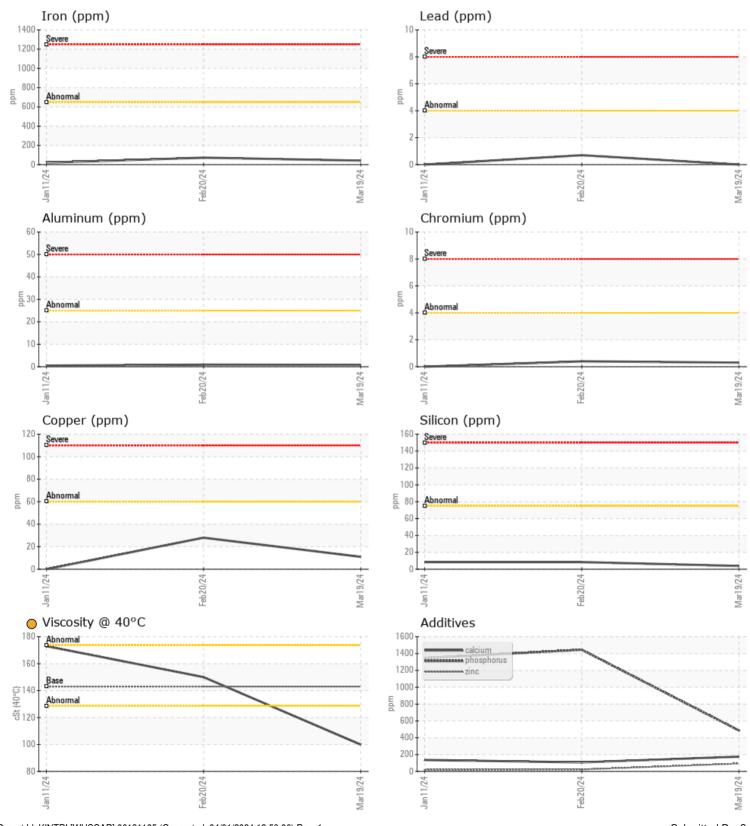
KINTRI 10950650 Don Baldridge 01 Apr 2024





GRAPHS

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