

LIEBHERR LH80M 1218-157090 - Front Left Wheel Hub

Sample No: LH0282887

Oil Type: GEAR OIL SAE 80W90

Sample Information

Sample Number	LH0282887	LH0282898					
Sample Date	19 Apr 2024	19 Mar 2024					
Machine Hours	997	545					
Oil Hours	0	0					
Oil Changed	Changed	Not Changd					
Sample Status	NORMAL	NORMAL					
Oil Condition							
Visc @ 40°C cSt	0 155	0 161					
**							

Contamination Water % NEG NEG Silicon ppm 0 18 26 Sodium 0 10 08 ppm Potassium 0 ppm \bigcirc <1

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Wea	r Metals			
Iron	ppm	0 194	0 113	
Copper	ppm	06	6	
Lead	ppm	0	0	
Tin	ppm	0	01	
Aluminum	ppm	◯ <1	03	
Chromium	ppm	○ <1	○ <1	
Molybdenum	ppm	0 🔘	◯ <1	
Nickel	ppm	0 🔘	○ <1	
Titanium	ppm	0 🔘	◯ <1	
Silver	ppm	0	0	
Manganese	ppm	02	2	
Vanadium	ppm	0	<1	

٥ **Additives** Calcium ppm 249 68 Magnesium 00 ppm 0 0 21 Zinc ppm 0 113 Phosphorus 0 1249 ppm 0 1147 Barium 0 $\bigcirc 0$ ppm Boron 05 ppm ○ <1



KINDER MORGAN

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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.

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

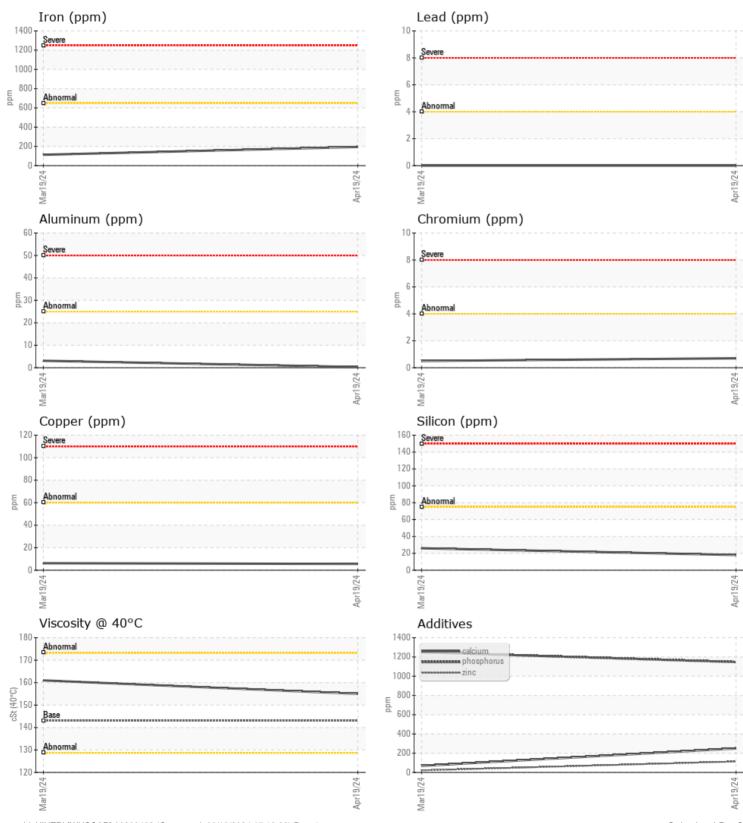
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Graphs



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