

LIEBHERR TA 230 145963-1513 - Rear Differential

Sample No: LHMC91482

Oil Type: LIEBHERR GEAR MF 80W

SAMPLE INFORMATION

Sample Number	LHMC91482	LHMC91486			
Sample Date	22 Jun 2023	13 Jun 2023			
Machine Hours	419	0			
Oil Hours	419	0			
Oil Changed	N/A	N/A			
Sample Status	NORMAL	ABNORMAL			

Visc @ 40°C

cSt © 63.1

Water	%		0.395		
Silicon	ppm	0 34	29		
Sodium	ppm	22	0 18		
Potassium	ppm	0	0		

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Iron	ppm	0 212	0 199	
Copper	ppm	0 107	0 71	
Lead	ppm	○ <1	0	
Tin	ppm	06	0 4	
Aluminum	ppm	06	0 4	
Chromium	ppm	0 5	0 4	
Molybdenum	ppm	○ <1	<1	
Nickel	ppm	08	○ 5	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	0 85	48	
Vanadium	ppm	0	0	

	DITIVES			
Calcium	ppm	0 3377	3517	
Magnesium	ppm	0 17	12	
Zinc	ppm	0 1362	1505	
Phosphorus	ppm	0 1173	1231	
Barium	ppm	0 🔘	0	
Boron	ppm	0 143	113	





NUECES POWER EQUIPMENT

7667 N SAM HOUSTON PKWY EAST HUMBLE, TX US 77396 Contact: SARKES GONZALEZ sgonzalez@npetex.com T: (713)247-0066 F: (713)941-2262

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

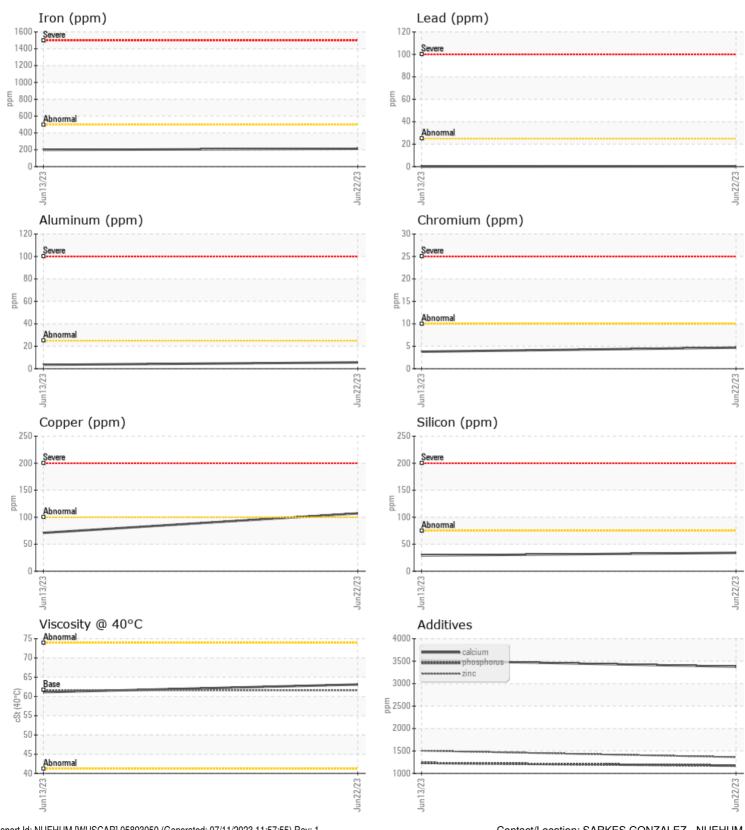
Depot:NUEHUMUnique No:10548860Signed:Don BaldridgeReport Date:11 Jul 2023





GRAPHS

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Contact/Location: SARKES GONZALEZ - NUEHUM