



LIEBHERR 119798-1217 - Front Right Wheel Hub

Sample No: LH0200266

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	LH0200266	
Sample Date	30 Nov 2022	
Machine Hours	1763	
Oil Hours	0	
Oil Changed	Not Changd	
Sample Status	MARGINAL	

154



OIL CONDITION

Visc @ 40°C

cSt

**					
Silicon	ppm	04			
Sodium	ppm	0 2			
Potassium	ppm	O <1			
-					

Â				
WE/	AR META	LS		
Iron	ppm	0 136	 	
Copper	ppm	0 8	 	
Lead	ppm	 <1	 	
Tin	ppm	0 <1	 	
Aluminum	ppm	0 2	 	
Chromium	ppm	0 2	 	
Molybdenum	ppm	0 <1	 	
Nickel	ppm	0	 	
Titanium	ppm	○ <1	 	
Silver	ppm	0	 	
Manganese	ppm	0 2	 	
Vanadium	ppm	0	 	

٥

ADDITIVES					
Calcium	ppm	1 3			
Magnesium	ppm	○ <1			
Zinc	ppm	3 7			
Phosphorus	ppm	0 1142			
Barium	ppm	0 86			
Boron	ppm	0 158			

TT & E IRON

1529 WEST GARNER RD GARNER, NC US 27529 Contact: MICHAEL STANCIL culaterprowler@aol.com T: (919)524-4326 F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

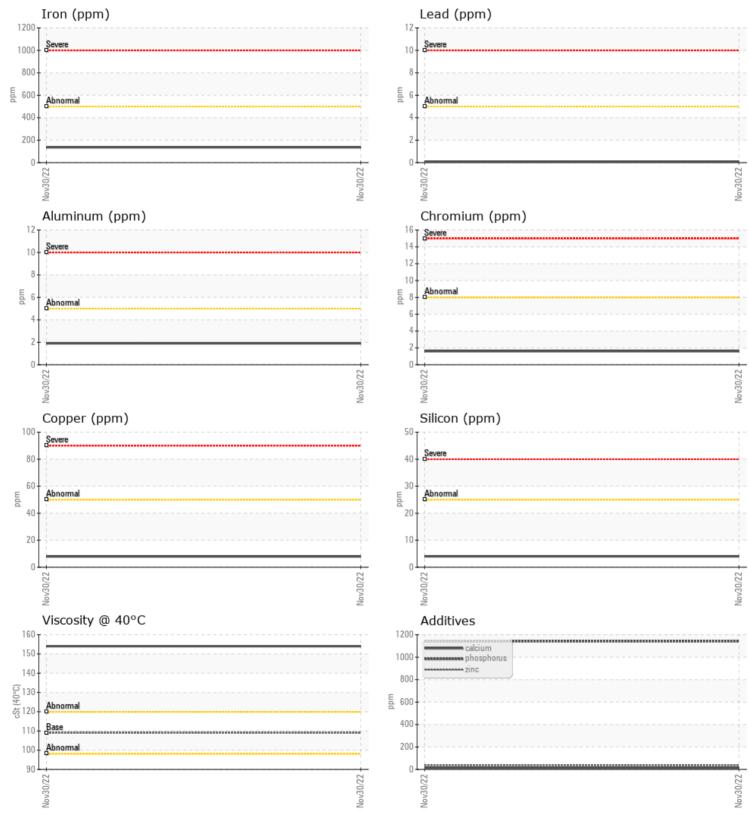
Depot:	TTENEW
Unique No:	10245179
Signed:	Doug Bogart
Report Date:	11 Jul 2023





GRAPHS

 $\overline{\mathbf{O}}$



Report Id: TTENEW [WUSCAR] 05710604 (Generated: 07/11/2023 13:11:33) Rev: 2

Contact/Location: MICHAEL STANCIL - TTENEW