

NO UNIT LH0285059 - Front Differential

LH0285059

29 Jan 2024

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N/A NORMAL

Sample No: LH0285059

Oil Type:

GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number		
Sample Date		
Machine Hours		
Oil Hours		
Oil Changed		
Sample Status		

OIL CONDITION

Visc @ 40°C

- 1

cSt **99.6**

Water	%	NEG				
Silicon	ppm	0 2				
Sodium	ppm	○ <1				
Potassium	ppm	○ <1				

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WEA WEA	R METAL	S		
Iron	ppm	07	 	
Copper	ppm	0 13	 	
Lead	ppm	() <1	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

	DITIVES			
Calcium	ppm	0 25	 	
Magnesium	ppm	03	 	
Zinc	ppm	0 19	 	
Phosphorus	ppm	0 1123	 	
Barium	ppm	○ <1	 	
Boron	ppm	268	 	





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Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

Please specify the component make and model with your next sample.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.

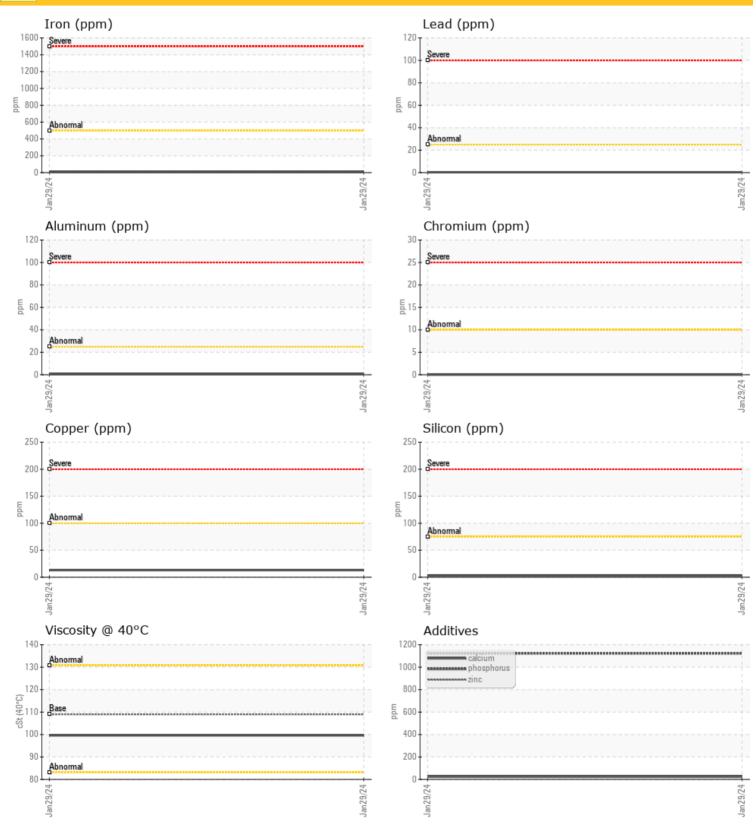
Depot:	LIEMIS
Unique No:	5721331
Signed:	Wes Davis
Report Date:	30 Jan 2024





GRAPHS

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Report Id: LIEMIS [WCAMIS] 02612236 (Generated: 01/30/2024 15:08:03) Rev: 1

Contact/Location: Joseph Rodgers - LIEMIS