



Sample No: LH0289472

Oil Type:

GEAR OIL SAE 80W90

Sample Information

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

Oil Condition cSt

Visc @ 4

10°C	

Conta	mination			
Water	%	NEG	 	
Silicon	ppm	2	 	
Sodium	ppm	04	 	
Potassium	ppm	○ <1	 	

LH0289472

02 May 2024 699

Changed NORMAL

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Wea	r Metals			
Iron	ppm	3	 	
Copper	ppm	6	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Additives

Calcium	ppm	6	 	
Magnesium	ppm	○ <1	 	
Zinc	ppm	10	 	
Phosphorus	ppm	0 1657	 	
Barium	ppm	31	 	
Boron	ppm	0 125	 	





LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Steve Lehto steve.lehto@liebherr.com T: (905)319-9222 F: (905)319-6617

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 80W90. Please confirm.

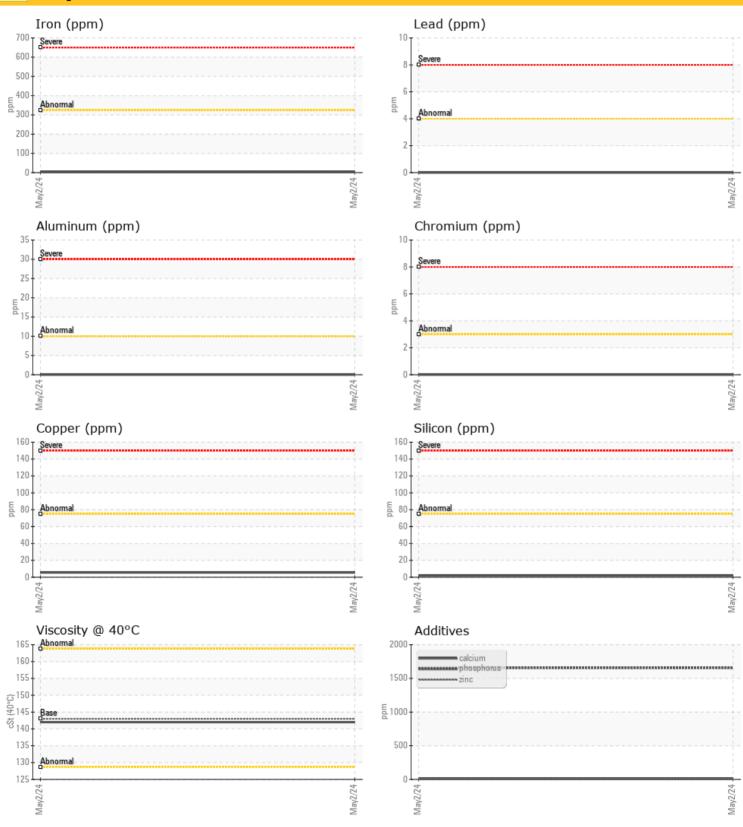
All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	LIEMIS
Unique No:	5774421
Signed:	Wes Davis
Report Date:	03 May 2024
Contact/Location:	Steve Lehto - LIEMIS





Graphs



Report Id: LIEMIS [WCAMIS] 02633268 (Generated: 05/03/2024 16:35:35) Rev: 1

Contact/Location: Steve Lehto - LIEMIS