LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR PR77615946 - Right Final Drive

Sample No: LH0220503

Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

ppm

Oil Type: CHEVRON MULTIGEAR EP5 80W90

Sample Number		LH0220503	LH0220509	
Sample Date		14 Oct 2023	10 May 2023	
Machine Hours		8488	9275	
Oil Hours		0	0	
Oil Changed		Not Changd	Not Changd	
Sample Status		NORMAL	NORMAL	
OILC	ONDITION	ON		
/isc @ 40°C	cSt	328	325	
=				
CON'	TAMINA	TION		
Silicon	ppm	3	3	
Sodium	ppm	6	3	
Potassium	ppm	2	0 0	
	R META		0.070	
ron -	ppm	405	○ 376	
Copper	ppm	3	0 2	
_ead =:	ppm	0	0 0	
Γin	ppm	0	0 0	
Aluminum	ppm	0 <1	0 2	
Chromium	ppm	3	03	
Molybdenum Nickel	ppm	0 <1	0 <1	
Nickei Fitanium	ppm	O <1	0 <1	
Silver	ppm	<1 0	<1	
Manganese	ppm	○ 3	3	
vianganese /anadium	ppm	0	0	
	ρμιι	U	U	
ADD	ITIVES			
Calcium	ppm	36	28	

42

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LIEBHERR MINING EQUIPMENT CO

5800 S DOUGLAS HWY GILLETTE, WY US 82718

Contact: SCOTT BRADLEY scott.bradley@liebherr.com

T: F:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LIEGIL
Unique No: 10712614
Signed: Sean Felton
Report Date: 27 Oct 2023

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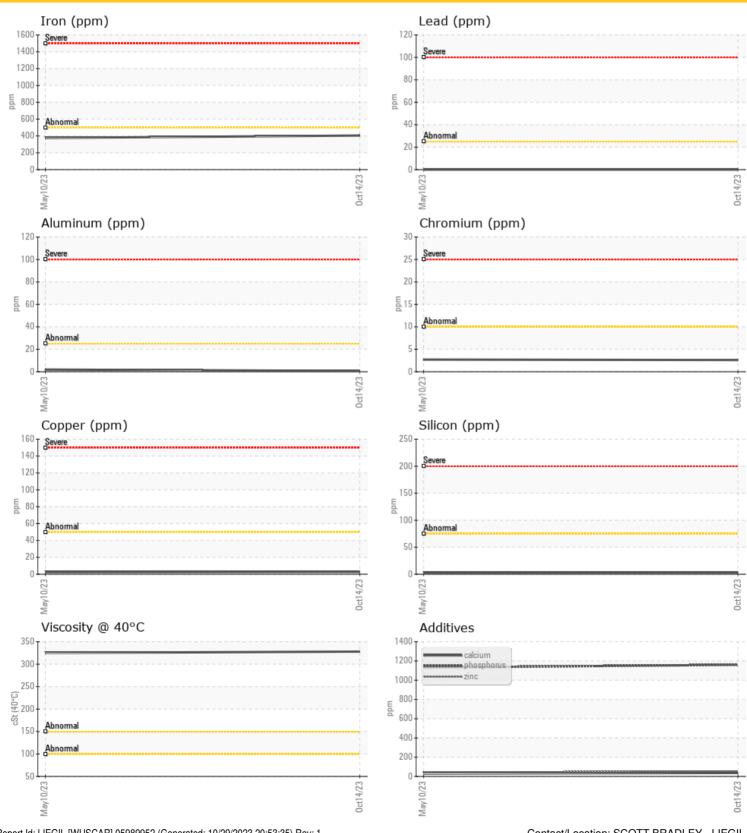
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GRAPHS



Report Id: LIEGIL [WUSCAR] 05989952 (Generated: 10/29/2023 20:53:35) Rev: 1

Contact/Location: SCOTT BRADLEY - LIEGIL