LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR PR77615946 - Coolant

Sample No: LH0220505

Oil Type: EXTENDED LIFE COOLANT



SAMPLE INFORMATION Number LH0220505 LHMC1470

Sample Number	LH0220505	LHMC147058	 	
Sample Date	14 Oct 2023	18 Jul 2019	 	
Machine Hours	8488	73	 	
Sample Status	ABNORMAL	NORMAL	 	



COOLANT CONDITION

COOLANT CONDITION					
Boron	ppm	4			
Phosphorus	ppm	80			
Sodium	ppm	4719			
Potassium	ppm	267			
Silicon	ppm	12			
рН	Scale 0-14	7.37	8.16		
Reserve Alkalinity	Scale 0-20				
Molybdenum	ppm	182			
Nitrites	ppm	636	O 636		
Percentage Glycol	%	43.4	○ 55		
Freezing Point	°C	-19	O -50		



CONTAMINATION

- CONTAMINATION					
Magnesium	ppm	3			
Calcium	ppm	13			
Coolant Appearance		normal	normal		
Coolant Color		Red	Pink		



CORROSION

	MOSIGIT			
Iron	ppm	2	 	
Aluminum	ppm	<u> </u>	 	
Copper	ppm	<1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	





LIEBHERR MINING EQUIPMENT CO

5800 S DOUGLAS HWY GILLETTE, WY US 82718

Contact: TED PILZ ted.pilz@liebherr.com T: (775)388-0663

F:

Diagnosis

The fluid is suitable for further service. The aluminum level is abnormal. There is no indication of any contamination in the coolant. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

Depot: LIEGIL
Unique No: 10712673
Signed: Jonathan Hester
Report Date: 31 Oct 2023

Contact/Location: TED PILZ - LIEGIL

CONSTRUCTION EQUIPMENT





GRAPHS

