# [[575873]] LIEBHERR HS8100 184908 - COOLANT

Sample No: LH0277701

Oil Type: EXTENDED LIFE COOLANT

## SAMPLE INFORMATION

Sample Number	LH0277701	 	
Sample Date	12 Oct 2023	 	
Machine Hours	12289	 	
Sample Status	NORMAL	 	

### COOLANT CONDITION

Boron	ppm	2				
Phosphorus	ppm	2				
Sodium	ppm	6384				
Potassium	ppm	38				
Silicon	ppm	6				
рН	Scale 0-14	7.16				
Reserve Alkalinity	Scale 0-20	2.7				
Molybdenum	ppm	22				
Nitrites	ppm	400				
Percentage Glycol	%	51.2				
Freezing Point	°C	<b>-38</b>				

## CONTAMINATION

Magnesium	ppm	4	 	
Calcium	ppm	<b>1</b> 8	 	
Coolant Appearance	9	Clear	 	
Coolant Color		Pink	 	
Sand/Dirt	scalar		 	
Debris	scalar		 	
Precipitate	scalar		 	
Silt	scalar		 	

#### **CORROSION** 0 Iron ppm Aluminum **||** < 1 ppm Copper ppm ■ <1 Lead 0 ppm Tin ppm 0 🔲

Tillsonburg Ready-Mix Inc.

10 Elm Street Tillsonburg, ON CA N4G 0A7 Contact: Service Manager

T: F:

### Diagnosis

The fluid is suitable for further service. Resample at the next service interval to monitor.All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Depot:TIL10TILUnique No:5658867Signed:Kevin MarsonReport Date:18 Oct 2023Contact/Location: Service Manager - TIL10TIL

# GRAPHS

#### Iron/Tin/Silver Reserve Alkalinity 13 -16 <del>т</del> .... Abnormal 12 14 ∎tin 11 silver 10 12 9 10 Reserve Alkalinity 8 7 mdd 8 6 5 6 4 3 Abnorma 2 2 0 0 0ct12/23 0ct12/23 0ct12/23 0ct12/23 Copper/Aluminum/Lead Freeze Point 10 10 copper 5 9 aluminum 0 lead 8 -5 -10 ß ppm 5 -30 2 -35 -40 -45 ...... -50 0 0ct12/23 0ct12/23 0ct12/23 0ct12/23 pН Nitrites 14 3000 Abnormal 12 2500 Abnorma 10 2000 Nitit Nitit Nitit Abnom Н ß 1000 Abnorma 500. 2 0. 0. 0ct12/23-0ct12/23. 0ct12/23 0ct12/23

Report Id: TIL10TIL [WCAMIS] 02589801 (Generated: 04/10/2024 10:31:57) Rev: 1

Contact/Location: Service Manager - TIL10TIL