

LIEBHERR

CONSTRUCTION EQUIPMENT



[CONNELLY CRANE [CONNELLY CRANE]] LIEBHERR LTM 1350 6.1072453 - Coolant

Sample No: LHMC146551

Oil Type: EXTENDED LIFE COOLANT



SAMPLE INFORMATION

Sample Number	LHMC146551	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	2238	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
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COOLANT CONDITION

Boron	ppm	11	---	---	---
Phosphorus	ppm	9	---	---	---
Sodium	ppm	3619	---	---	---
Potassium	ppm	874	---	---	---
Silicon	ppm	35	---	---	---
pH	Scale 0-14	8.34	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	62	---	---	---
Nitrites	ppm	712	---	---	---
Percentage Glycol	%	51.5	---	---	---
Freezing Point	°C	-38	---	---	---

Diagnosis

The fluid is suitable for further service. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The carboxylate level of this fluid is acceptable. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.



CONTAMINATION

Magnesium	ppm	6	---	---	---
Calcium	ppm	13	---	---	---
Coolant Appearance		normal	---	---	---
Coolant Color		Red	---	---	---



CORROSION

Iron	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	1	---	---	---

Depot: LIENEW
 Unique No: 10804855
 Signed: Jonathan Hester
 Report Date: 29 Dec 2023



GRAPHS

