

LIEBHERR

CONSTRUCTION EQUIPMENT



[[S20230515022034]] LIEBHERR TA230 4162 - Coolant

Sample No: LH06059737

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH06059737	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	3503	---	---	---
Sample Status	NORMAL	---	---	---



COOLANT CONDITION

Boron	ppm	0	---	---	---
Phosphorus	ppm	18	---	---	---
Sodium	ppm	5585	---	---	---
Potassium	ppm	1034	---	---	---
Silicon	ppm	131	---	---	---
pH	Scale 0-14	7.14	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	2	---	---	---
Nitrites	ppm	524	---	---	---
Percentage Glycol	%	53.6	---	---	---
Freezing Point	°C	-43	---	---	---



CONTAMINATION

Magnesium	ppm	29	---	---	---
Calcium	ppm	46	---	---	---
Coolant Appearance		normal	---	---	---
Coolant Color		Pink	---	---	---



CORROSION

Iron	ppm	4	---	---	---
Aluminum	ppm	3	---	---	---
Copper	ppm	37	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	2	---	---	---

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Diagnosis

No corrective action is recommended at this time. 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. Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

Depot: LEC0051

Unique No: 10831119

Signed: Doug Bogart

Report Date: 17 Jan 2024



GRAPHS

