

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR T55-7 025521-1708 - Rear Differential

Sample No: LH
Oil Type: NOT GIVEN



CONTENEUR ROSE INC.
89 RUE MORANE
LAVAL, QC
CA H7M 1R5
Contact: Service Manager

T:
F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	430	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	191	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	28	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	68	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	20	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	24	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	19	---	---	---
Phosphorus	ppm	2268	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: CON89LAV
Unique No: 5697793
Signed: Kevin Marson
Report Date: 21 Dec 2023



GRAPHS

