

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 077508 - Swing Drive

Sample No: LH0289764

Oil Type: {unknown}



J.M. BASTILLE ACIER INC
 396 RUE TEMISCOUATA,, CP 744
 RIVIERE DU LOUP, QC
 CA G5R 3Z3
 Contact: MANAGER SERVICE

T: (418)862-3346
 F:



Sample Information

Sample Number	LH0289764	---	---	---
Sample Date	01 May 2024	---	---	---
Machine Hours	16364	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 100	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● <1	---	---	---



Wear Metals

Iron	ppm	● 85	---	---	---
Copper	ppm	● 120	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 5	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	15	---	---	---
Magnesium	ppm	436	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	1313	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	282	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: JM BRIV
 Unique No: 5776162
 Signed: Kevin Marson
 Report Date: 13 May 2024

Submitted By: Olivier Galimi



Graphs

