

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144376-1216 - Front Differential

Sample No: LH0248793

Oil Type: GEAR OIL SAE 80W90



Services Forestiers RGT Inc.
1053 Boul. Ducharme
La Tuque, QC
CA G9X 3C3
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0248793	LH0248805	LH0248817	---
Sample Date	02 Aug 2023	13 Apr 2023	28 Feb 2023	---
Machine Hours	2092	1000	533	---
Oil Hours	1000	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	132	175	174	---
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T:
F:



CONTAMINATION

Silicon	ppm	2	4	3	---
Sodium	ppm	1	3	3	---
Potassium	ppm	1	0	<1	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	5	15	8	---
Copper	ppm	8	20	13	---
Lead	ppm	<1	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	7	4	4	---
Magnesium	ppm	1	<1	<1	---
Zinc	ppm	12	15	10	---
Phosphorus	ppm	1226	1401	1443	---
Barium	ppm	6	275	297	---
Boron	ppm	148	34	37	---

Depot: SERLAT
Unique No: 5633503
Signed: Wes Davis
Report Date: 05 Sep 2023



GRAPHS

