

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144376-1216 - Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



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

T:
F:



SAMPLE INFORMATION

Sample Number	LH	LH0248769	LH0248793	LH0248805
Sample Date	08 Dec 2023	01 Nov 2023	02 Aug 2023	13 Apr 2023
Machine Hours	0	2000	2092	1000
Oil Hours	0	0	1000	0
Oil Changed	N/A	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	131	184	132	175



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	2	4
Sodium	ppm	1	2	1	3
Potassium	ppm	<1	0	1	0



WEAR METALS

Iron	ppm	12	21	5	15
Copper	ppm	14	38	8	20
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	10	7	4
Magnesium	ppm	1	<1	1	<1
Zinc	ppm	14	25	12	15
Phosphorus	ppm	1179	1126	1226	1401
Barium	ppm	5	339	6	275
Boron	ppm	151	2	148	34

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.

Depot: SERLAT
Unique No: 5697804
Signed: Wes Davis
Report Date: 21 Dec 2023



GRAPHS

