

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144376-1216 - Front Right Wheel Hub

Sample No: LH0248777

Oil Type: GEAR OIL SAE 75W90



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

T:
 F:

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.



SAMPLE INFORMATION

Sample Number	LH0248777	LH0248801	LH0248813	LH0248825
Sample Date	01 Nov 2023	02 Aug 2023	13 Apr 2023	28 Feb 2023
Machine Hours	2000	2092	1000	533
Oil Hours	0	500	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	140	105	160	162



CONTAMINATION

Element	ppm	21	17	47	40
Silicon	ppm	21	17	47	40
Sodium	ppm	13	7	4	5
Potassium	ppm	3	4	2	4



WEAR METALS

Element	ppm	271	226	148	99
Iron	ppm	271	226	148	99
Copper	ppm	43	35	20	16
Lead	ppm	1	1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	4	2	4	4
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	2	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	5	3	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	95	70	120	160
Calcium	ppm	95	70	120	160
Magnesium	ppm	2	2	2	2
Zinc	ppm	67	32	47	56
Phosphorus	ppm	1289	934	1482	1552
Barium	ppm	<1	0	0	<1
Boron	ppm	3	3	4	5

Depot: SERLAT
 Unique No: 5680942
 Signed: Wes Davis
 Report Date: 13 Nov 2023



GRAPHS

