

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124712-1216 - Front Differential

Sample No: LH0277344

Oil Type: GEAR OIL SAE 80W90



SCIERIE DION & FILS INC
 147 RUE ST-ALEXIS
 ST.RAYMOND, QC
 CA G3L 1S1
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SAMPLE INFORMATION

Sample Number	LH0277344	LH0265505	LH0243032	LH0180733
Sample Date	17 Oct 2023	07 Jun 2023	09 Dec 2022	05 May 2022
Machine Hours	11300	10063	8175	5940
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	184	193	184	171
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CONTAMINATION

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



WEAR METALS

Iron	ppm	2	2	48	4
Copper	ppm	2	1	5	2
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4	<1	7	9
Magnesium	ppm	0	<1	2	0
Zinc	ppm	4	3	11	3
Phosphorus	ppm	2339	2470	2400	2500
Barium	ppm	<1	0	0	0
Boron	ppm	<1	1	1	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.

Depot: SCISTR
 Unique No: 5668916
 Signed: Wes Davis
 Report Date: 25 Oct 2023



GRAPHS

