

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124712-1216 - Rear Left Wheel Hub

Sample No: LH0277391

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	LH0277391	LH0265506	LH0243028	LH0180728
Sample Date	16 Jan 2024	07 Jun 2023	09 Dec 2022	05 May 2022
Machine Hours	12176	10063	8175	5940
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	194	187	184	172



CONTAMINATION

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



WEAR METALS

Iron	ppm	32	20	49	38
Copper	ppm	1	2	5	2
Lead	ppm	0	0	<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	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	<1	7	11
Magnesium	ppm	<1	<1	2	0
Zinc	ppm	5	3	11	6
Phosphorus	ppm	2212	2460	2391	2407
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	1	3

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: 5710838

Signed: Wes Davis

Report Date: 18 Jan 2024



GRAPHS

