

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124712-1216 - Front Right Wheel Hub

Sample No: LH0277314

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	LH0277314	LH0265521	LH0243029	LH
Sample Date	16 Jan 2024	07 Jun 2023	09 Dec 2022	11 Feb 2022
Machine Hours	12176	10063	8175	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	187	183	174	172
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CONTAMINATION

Water	%	0.016	NEG	NEG	NEG
Silicon	ppm	4	4	5	6
Sodium	ppm	3	4	11	6
Potassium	ppm	2	<1	<1	<1



WEAR METALS

Iron	ppm	149	146	285	203
Copper	ppm	2	4	8	4
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	4	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	4	12	17
Magnesium	ppm	<1	<1	1	<1
Zinc	ppm	10	10	21	13
Phosphorus	ppm	2227	2478	2364	2357
Barium	ppm	0	0	0	0
Boron	ppm	<1	2	3	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: 5710834
 Signed: Wes Davis
 Report Date: 22 Jan 2024



GRAPHS

