

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124712-1216 - Swing Drive

Sample No: LH0277311

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	LH0277311	LH0277342	LH0265507	LH0243033
Sample Date	16 Jan 2024	17 Oct 2023	07 Jun 2023	09 Dec 2022
Machine Hours	12176	11300	10063	8175
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	SEVERE



OIL CONDITION

Visc @ 40°C	cSt	192	191	179	170



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	<1	2
Sodium	ppm	<1	5	<1	1
Potassium	ppm	1	0	<1	<1



WEAR METALS

Iron	ppm	86	111	61	224
Copper	ppm	113	147	137	398
Lead	ppm	2	3	3	10
Tin	ppm	8	12	8	29
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	4	4	9
Magnesium	ppm	2	2	<1	4
Zinc	ppm	15	16	9	34
Phosphorus	ppm	2248	2260	2438	2333
Barium	ppm	0	<1	0	0
Boron	ppm	0	2	3	24

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: 5710851

Signed: Wes Davis

Report Date: 18 Jan 2024



GRAPHS

