

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 124712-1216 - Splitter Box

Sample No: LH0277293

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0277293	LH0277346	LH0265502	LH0256070
Sample Date	16 Jan 2024	17 Oct 2023	07 Jun 2023	17 Apr 2023
Machine Hours	12176	11300	10063	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### SCIERIE DION & FILS INC

147 RUE ST-ALEXIS  
ST.RAYMOND, QC  
CA G3L 1S1  
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#### OIL CONDITION

Visc @ 40°C	cSt	176	149	116	176



#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	17	29	16	10
Copper	ppm	<1	<1	<1	1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	10	8	3
Magnesium	ppm	1	2	<1	0
Zinc	ppm	10	18	9	14
Phosphorus	ppm	2133	2037	1661	2508
Barium	ppm	0	<1	0	0
Boron	ppm	20	59	186	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: 5710835  
Signed: Wes Davis  
Report Date: 18 Jan 2024



### GRAPHS

