

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 120559-1216 - Splitter Box

Sample No: LH0261242

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	<b>LH0261242</b>	LH0238982	LH0177950	LH0215543
Sample Date	<b>09 Jul 2023</b>	11 Oct 2022	31 Mar 2022	14 Dec 2021
Machine Hours	<b>10181</b>	9355	8626	7899
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**BOIS GRANVAL G D S INC**

10 RUE INDUSTRIELLE  
GRANDE-VALLEE, QC  
CA G0E 1K0

Contact: Michel Minville  
mminville@grouppgds.com  
T: (418)393-2598  
F: (418)393-3037



#### OIL CONDITION

Visc @ 40°C	cSt	<b>122</b>	117	128	139
-------------	-----	------------	-----	-----	-----



#### CONTAMINATION

Silicon	ppm	<b>2</b>	3	1	<1
Sodium	ppm	<b>2</b>	2	2	1
Potassium	ppm	<b>&lt;1</b>	<1	<1	<1



#### WEAR METALS

Iron	ppm	<b>17</b>	28	12	12
Copper	ppm	<b>&lt;1</b>	<1	<1	1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	<1	<1	0
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>20</b>	20	19	14
Magnesium	ppm	<b>4</b>	3	<1	0
Zinc	ppm	<b>107</b>	99	106	98
Phosphorus	ppm	<b>1791</b>	1502	2035	2074
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>27</b>	97	1	2

#### 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. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: BOIGRA  
Unique No: 5619632  
Signed: Wes Davis  
Report Date: 08 Aug 2023



### GRAPHS

