

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH22M 112532-1250 - Rear Right Wheel Hub

Sample No: LH0153187

Oil Type: LIEBHERR GEAR BASIC 90 LS



**CENTREM**  
1125 DES PINS O.  
ALMA, QC  
CA G8B 7V7  
Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0153187	LH0234209	LH0222093	LH0199495
Sample Date	05 Jul 2023	23 Sep 2022	03 May 2022	10 Oct 2021
Machine Hours	7001	5700	5131	4000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	192	187	190	182
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#### CONTAMINATION

Silicon	ppm	<1	1	3	1
Sodium	ppm	2	4	4	4
Potassium	ppm	<1	0	0	<1



#### WEAR METALS

Iron	ppm	10	11	18	12
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	7	19	34	56
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	4	4	5	9
Phosphorus	ppm	2377	2492	2424	2360
Barium	ppm	<1	0	<1	<1
Boron	ppm	2	7	6	26

T:  
F:

#### 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: CENALM  
Unique No: 5605905  
Signed: Wes Davis  
Report Date: 10 Jul 2023



### GRAPHS

