

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(345481)] 128862-1216 - Front Right Wheel Hub

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



### SAMPLE INFORMATION

Sample Number	LH	LH0251064	LH0251063	LH0235623
Sample Date	17 Jul 2023	09 Feb 2023	09 Feb 2023	07 Jun 2022
Machine Hours	3940	3024	3024	1862
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**American Iron and Metal**  
10171 AVE PELLETIER  
MONTREAL-NORD, QC  
CA H1H 3R2  
Contact: Allen Singerman



### OIL CONDITION

Visc @ 40°C	cSt	181	180	180	178
T:	F:				



### CONTAMINATION

Element	ppm	1	23	2	7
Silicon	ppm	1	23	2	7
Sodium	ppm	9	4	11	7
Potassium	ppm	<1	<1	<1	3

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.



### WEAR METALS

Element	ppm	15	12	26	22
Iron	ppm	15	12	26	22
Copper	ppm	4	6	7	7
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



### ADDITIVES

Element	ppm	13	14	20	44
Calcium	ppm	13	14	20	44
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	14	10	19	24
Phosphorus	ppm	2344	2412	2441	2408
Barium	ppm	0	0	0	0
Boron	ppm	1	1	2	3

Depot: AIM101MON  
Unique No: 5616626  
Signed: Wes Davis  
Report Date: 21 Jul 2023

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### GRAPHS

