

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(345483)] LIEBHERR L586 062221-1761 - Front Right Wheel

Sample No: LH0261153

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0261153	LH0235070	LH0235620	LH
Sample Date	29 Jun 2023	24 Oct 2022	06 Jul 2022	31 May 2021
Machine Hours	5395	4212	3174	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**BETON PROVINCIAL LTEE.**  
 C.P. 160-1825 DE PHARE OUEST  
 MATANE, QC  
 CA G4W 3N1  
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#### OIL CONDITION

Visc @ 40°C	cSt	171	181	95.8	173
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#### CONTAMINATION

Silicon	ppm	5	3	7	9
Sodium	ppm	1	<1	3	3
Potassium	ppm	<1	<1	<1	<1



#### WEAR METALS

Iron	ppm	89	56	217	185
Copper	ppm	52	28	104	73
Lead	ppm	1	<1	3	2
Tin	ppm	2	2	6	4
Aluminum	ppm	1	<1	1	1
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	15	16
Vanadium	ppm	0	0	0	<1



#### ADDITIVES

Calcium	ppm	93	6	54	86
Magnesium	ppm	<1	<1	2	<1
Zinc	ppm	54	31	53	61
Phosphorus	ppm	2309	2386	2421	2431
Barium	ppm	0	0	0	0
Boron	ppm	7	30	242	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. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: BETMAT  
 Unique No: 5617039  
 Signed: Wes Davis  
 Report Date: 25 Jul 2023



### GRAPHS

