

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0261156

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0261156	LH0235068	LH0235621	LH0203584
Sample Date	29 Jun 2023	24 Oct 2022	06 Jul 2022	16 Aug 2021
Machine Hours	5395	4212	3164	1221
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

**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	170	183	95.4	192



#### CONTAMINATION

Element	ppm	5	3	7	21
Silicon	ppm	5	3	7	21
Sodium	ppm	1	<1	3	7
Potassium	ppm	<1	<1	<1	1



#### WEAR METALS

Element	ppm	82	56	219	339
Iron	ppm	82	56	219	339
Copper	ppm	51	30	103	193
Lead	ppm	1	<1	3	5
Tin	ppm	2	2	6	12
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	<1	<1	2	3
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	15	58
Vanadium	ppm	0	0	0	<1



#### ADDITIVES

Element	ppm	93	7	53	16
Calcium	ppm	93	7	53	16
Magnesium	ppm	<1	<1	1	3
Zinc	ppm	54	32	53	70
Phosphorus	ppm	2336	2370	2415	2377
Barium	ppm	0	0	0	0
Boron	ppm	7	27	244	4

#### 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: 5617038  
 Signed: Wes Davis  
 Report Date: 25 Jul 2023



### GRAPHS

