

LIEBHERR

CONSTRUCTION EQUIPMENT



[(345483)] LIEBHERR L586 062221-1761 - Front Left Wheel Hu

Sample No: LH0261152

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0261152	LH0235069	LH0235619	LH
Sample Date	29 Jun 2023	24 Oct 2022	06 Jul 2022	31 May 2021
Machine Hours	5395	4212	3164	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BETON PROVINCIAL LTEE.
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 MATANE, QC
 CA G4W 3N1
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OIL CONDITION

Visc @ 40°C	cSt	171	182	96.0	173
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CONTAMINATION

Silicon	ppm	5	3	8	8
Sodium	ppm	1	<1	3	3
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	86	56	219	183
Copper	ppm	51	27	103	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	0	<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	0



ADDITIVES

Calcium	ppm	91	9	54	90
Magnesium	ppm	1	<1	2	<1
Zinc	ppm	53	32	52	62
Phosphorus	ppm	2253	2390	2414	2408
Barium	ppm	0	0	0	0
Boron	ppm	7	28	243	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: 5617035
 Signed: Wes Davis
 Report Date: 25 Jul 2023



GRAPHS

