

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0261154

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0261154	LH0235289	LH0235614	LH
Sample Date	25 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.
 C.P. 160-1825 DE PHARE OUEST
 MATANE, QC
 CA G4W 3N1
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OIL CONDITION

Visc @ 40°C	cSt	181	170	98.3	179
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CONTAMINATION

Silicon	ppm	3	3	7	8
Sodium	ppm	1	<1	3	2
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	33	36	151	99
Copper	ppm	26	27	96	56
Lead	ppm	<1	2	3	2
Tin	ppm	1	2	6	3
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	9	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	16	10	24
Magnesium	ppm	6	5	1	<1
Zinc	ppm	27	41	37	61
Phosphorus	ppm	2279	2299	2412	2442
Barium	ppm	0	0	0	0
Boron	ppm	6	29	256	1

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: 5617034
 Signed: Wes Davis
 Report Date: 25 Jul 2023



GRAPHS

