

LIEBHERR

CONSTRUCTION EQUIPMENT



[(345483)] LIEBHERR L586 062221-1761- Rear Differential

Sample No: LH0261155

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0261155	LH0235287	LH0235616	LH0203583
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	180	170	98.3	192
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CONTAMINATION

Silicon	ppm	4	3	7	21
Sodium	ppm	1	1	3	7
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	34	36	145	250
Copper	ppm	27	28	97	188
Lead	ppm	<1	<1	3	5
Tin	ppm	2	2	6	11
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	<1	0	1	2
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	<1	0	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	9	30
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	10	16	9	11
Magnesium	ppm	4	5	1	2
Zinc	ppm	25	41	38	72
Phosphorus	ppm	2316	2308	2438	2336
Barium	ppm	0	0	0	0
Boron	ppm	5	29	256	3

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: 5617037
Signed: Wes Davis
Report Date: 25 Jul 2023



GRAPHS

