

LIEBHERR

CONSTRUCTION EQUIPMENT



[(345481)] 128862-1216 - Front Left Wheel Hub

Sample No: LH0284343

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0284343	LH	LH0251062	LH0230671
Sample Date	06 Feb 2024	17 Jul 2023	09 Feb 2023	07 Jun 2022
Machine Hours	5027	3940	3024	1862
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal
10171 AVE PELLETIER
MONTREAL-NORD, QC
CA H1H 3R2
Contact: Allen Singerman



OIL CONDITION

Visc @ 40°C	cSt	180	180	179	174
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	2	2	8
Sodium	ppm	7	9	11	7
Potassium	ppm	1	<1	<1	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.



WEAR METALS

Iron	ppm	21	16	24	24
Copper	ppm	4	6	7	8
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	16	27	52
Magnesium	ppm	<1	2	4	2
Zinc	ppm	11	18	23	26
Phosphorus	ppm	2363	2353	2441	2363
Barium	ppm	0	0	0	<1
Boron	ppm	2	2	3	6

Depot: AIM101MON
Unique No: 5724200
Signed: Wes Davis
Report Date: 13 Feb 2024



GRAPHS

