

LIEBHERR

CONSTRUCTION EQUIPMENT



[(345481)] 128862-1216 - Swing Drive

Sample No: LH0284342

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0284342	LH	LH0251055	LH0235627
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	178	182	179	178
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	1	<1	2
Sodium	ppm	<1	1	<1	1
Potassium	ppm	<1	<1	0	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	100	148	34	52
Copper	ppm	23	31	66	81
Lead	ppm	<1	<1	2	2
Tin	ppm	2	<1	<1	1
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	<1	1	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	6	16	12
Magnesium	ppm	<1	<1	2	6
Zinc	ppm	51	23	17	14
Phosphorus	ppm	2379	2253	2483	2442
Barium	ppm	0	0	0	1
Boron	ppm	<1	2	1	4

Depot: AIM101MON
Unique No: 5724201
Signed: Wes Davis
Report Date: 13 Feb 2024



GRAPHS

