

LIEBHERR

CONSTRUCTION EQUIPMENT



[(345481)] 128862-1216 - Front Differential

Sample No: LH0284347

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0284347	LH	LH0251060	LH0235626
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	186	194	181	181
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	1	2	<1
Sodium	ppm	<1	1	<1	2
Potassium	ppm	<1	<1	0	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.



WEAR METALS

Iron	ppm	1	1	1	1
Copper	ppm	4	3	6	3
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	5	4	8	2
Magnesium	ppm	0	<1	<1	0
Zinc	ppm	4	5	6	3
Phosphorus	ppm	2354	2383	2499	2458
Barium	ppm	0	0	0	<1
Boron	ppm	<1	<1	<1	3

Depot: AIM101MON
 Unique No: 5724197
 Signed: Wes Davis
 Report Date: 13 Feb 2024



GRAPHS

