

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(345481)] LIEBHERR LH50M 128862-1216 - Splitter Box

Sample No: LH0282639

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### Sample Information

Sample Number	LH0282639	LH0284348	LH	LH
Sample Date	23 Apr 2024	06 Feb 2024	20 Oct 2023	17 Jul 2023
Machine Hours	5485	5027	2460	3940
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	156	164	161	169
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	1	<1	1
Sodium	ppm	<1	<1	2	3
Potassium	ppm	0	<1	<1	3

#### Diagnosis

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.



#### Wear Metals

Iron	ppm	23	47	31	25
Copper	ppm	<1	1	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

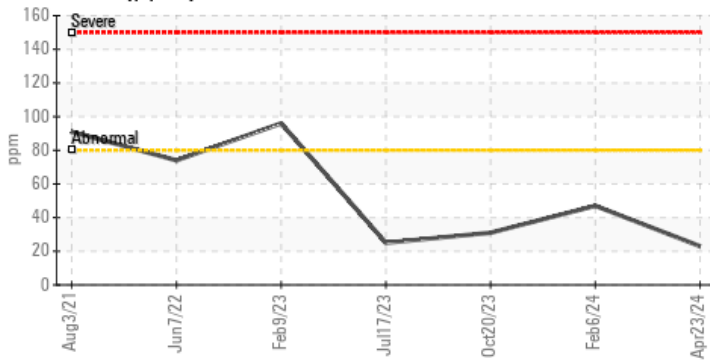
Calcium	ppm	44	68	76	49
Magnesium	ppm	<1	2	4	4
Zinc	ppm	47	50	65	41
Phosphorus	ppm	2080	2237	2167	2278
Barium	ppm	0	0	<1	0
Boron	ppm	40	<1	3	2

Depot: AIM101MON  
Unique No: 5772523  
Signed: Wes Davis  
Report Date: 25 Apr 2024

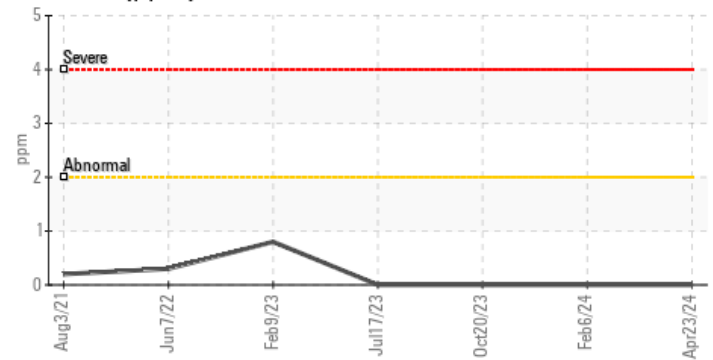


### Graphs

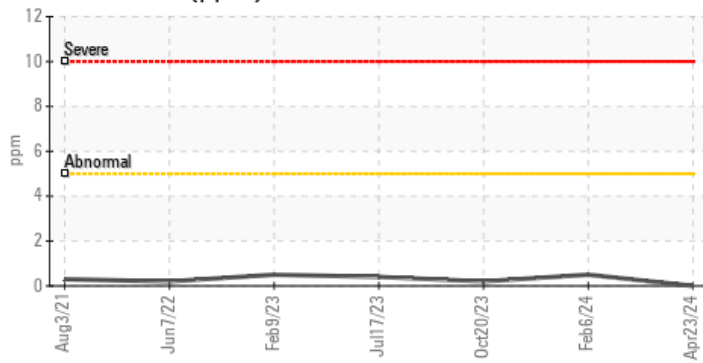
Iron (ppm)



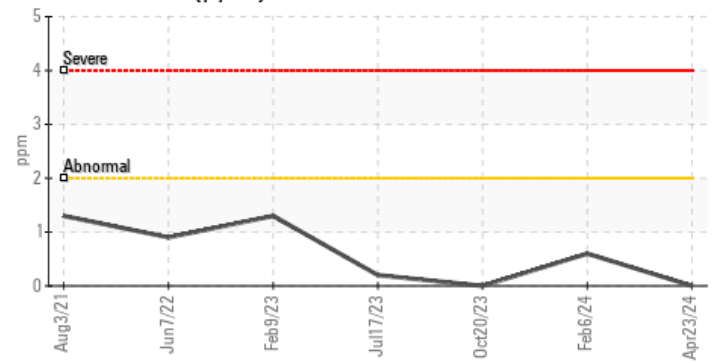
Lead (ppm)



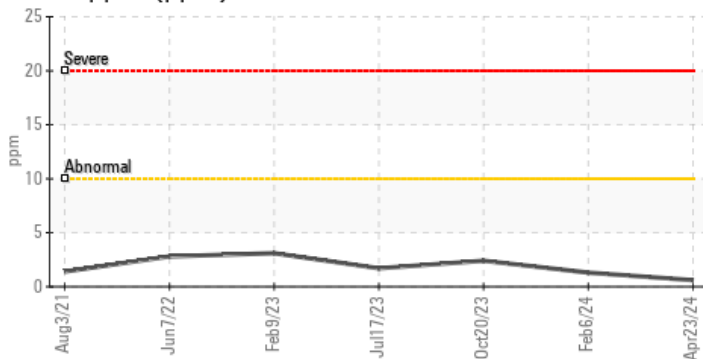
Aluminum (ppm)



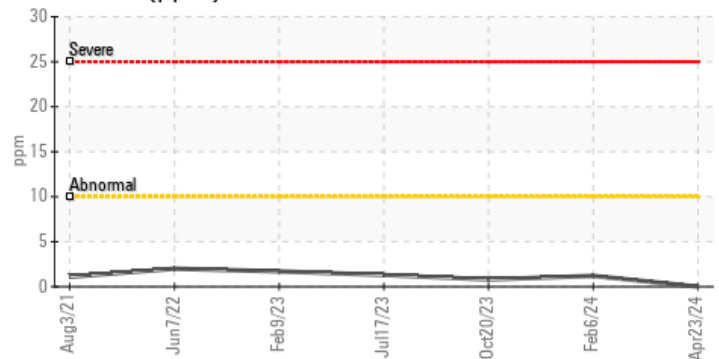
Chromium (ppm)



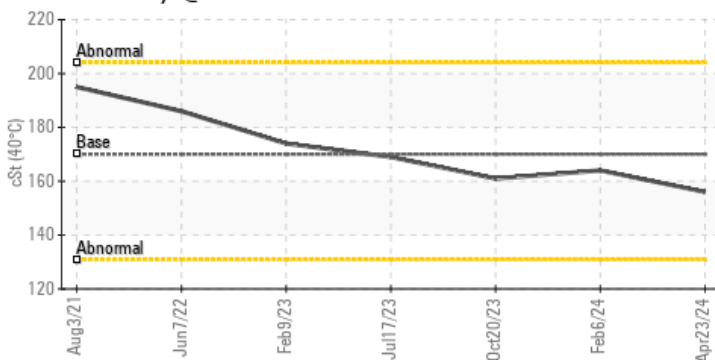
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

