

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0284348

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0284348	LH	LH	LH0251059
Sample Date	06 Feb 2024	20 Oct 2023	17 Jul 2023	09 Feb 2023
Machine Hours	5027	2460	3940	3024
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	164	161	169	174
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T:  
F:



#### CONTAMINATION

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

#### 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	47	31	25	96
Copper	ppm	1	2	2	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



#### ADDITIVES

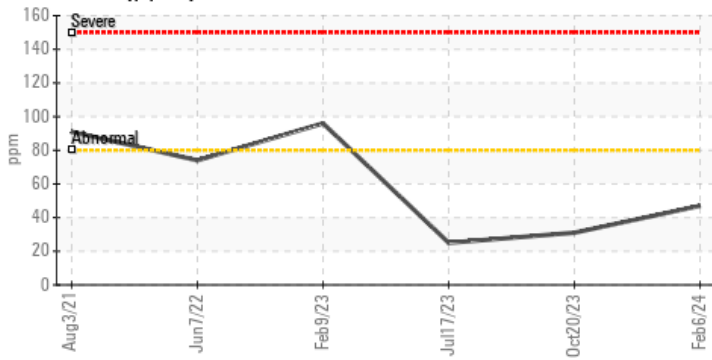
Calcium	ppm	68	76	49	48
Magnesium	ppm	2	4	4	1
Zinc	ppm	50	65	41	41
Phosphorus	ppm	2237	2167	2278	2239
Barium	ppm	0	<1	0	0
Boron	ppm	<1	3	2	1

**Depot:** AIM101MON  
**Unique No:** 5724196  
**Signed:** Wes Davis  
**Report Date:** 13 Feb 2024

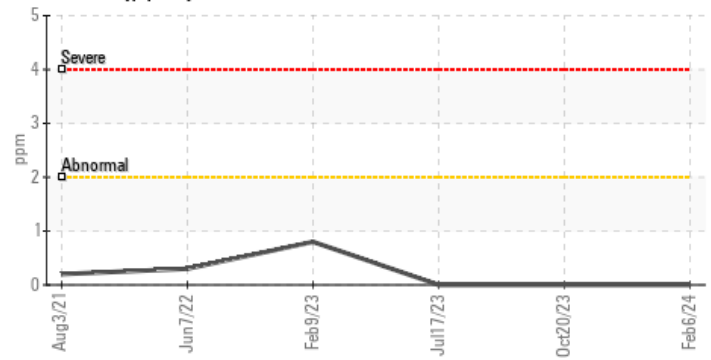


### GRAPHS

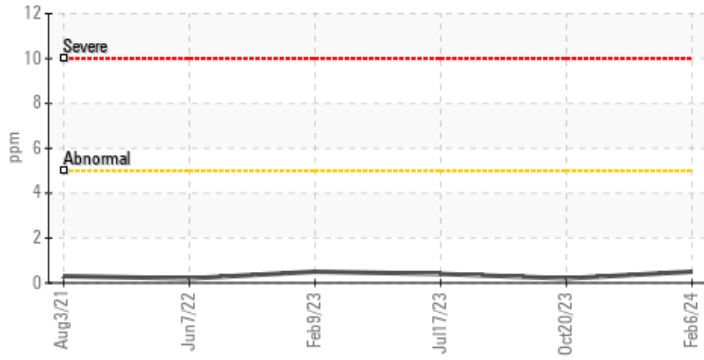
#### Iron (ppm)



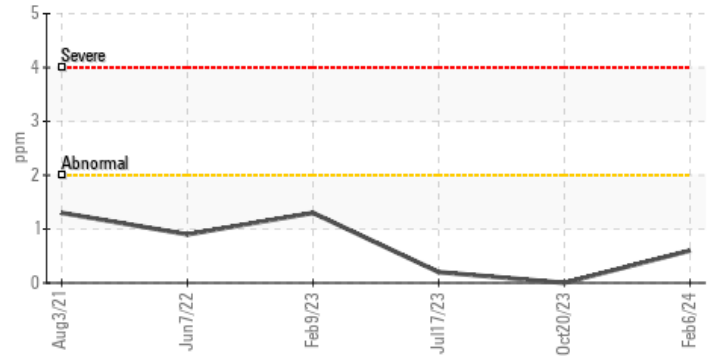
#### Lead (ppm)



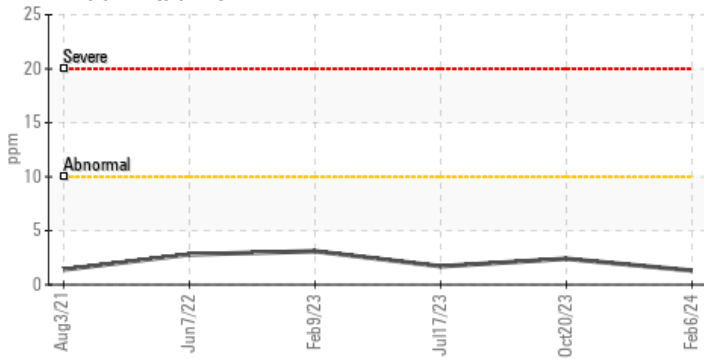
#### Aluminum (ppm)



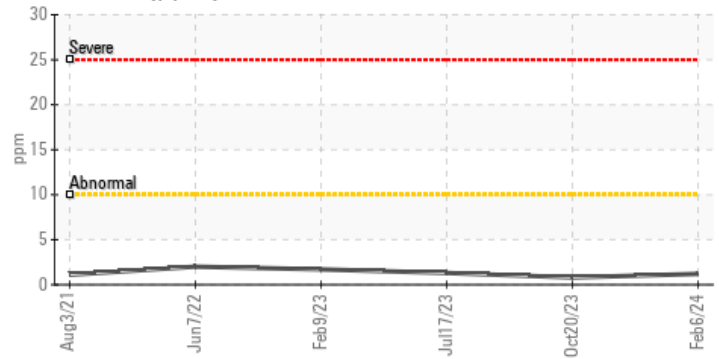
#### Chromium (ppm)



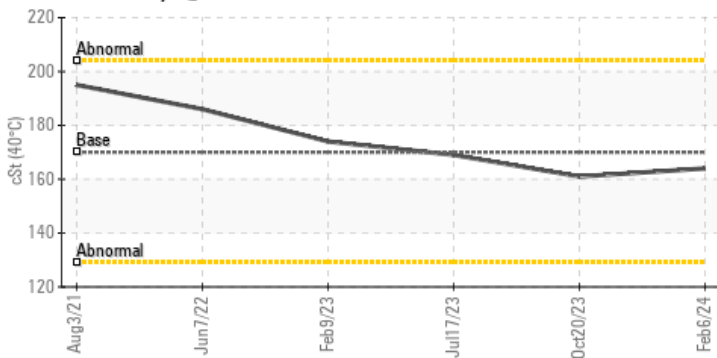
#### Copper (ppm)



#### Silicon (ppm)



#### Viscosity @ 40°C



#### Additives

