

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 120559-1216 - Front Differential

Sample No: LH0261239

Oil Type: GEAR OIL SAE 80W90



BOIS GRANVAL G D S INC
 10 RUE INDUSTRIELLE
 GRANDE-VALLEE, QC
 CA G0E 1K0
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SAMPLE INFORMATION

Sample Number	LH0261239	LH0238980	LH	LH0177582
Sample Date	09 Jul 2023	11 Oct 2022	13 Sep 2021	12 Aug 2021
Machine Hours	10181	9355	0	6584
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	195	193	172	172
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CONTAMINATION

Silicon	ppm	<1	<1	<1	2
Sodium	ppm	1	2	2	3
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	2	5	4	8
Copper	ppm	<1	2	2	4
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<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	2	3	29	245
Magnesium	ppm	<1	<1	<1	2
Zinc	ppm	3	5	12	95
Phosphorus	ppm	2265	2442	2405	2410
Barium	ppm	0	0	0	0
Boron	ppm	<1	3	23	8

Diagnosis

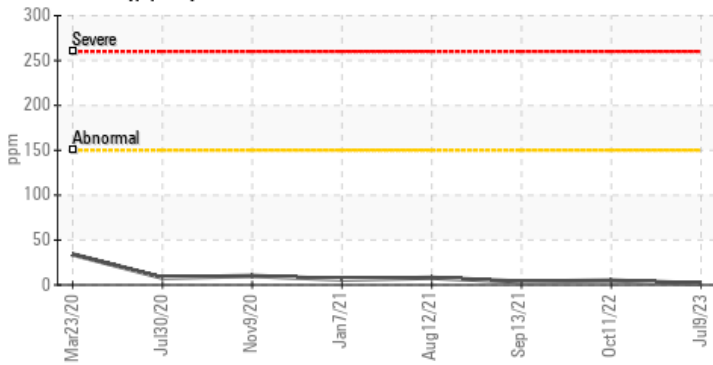
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: BOIGRA
 Unique No: 5619631
 Signed: Wes Davis
 Report Date: 08 Aug 2023

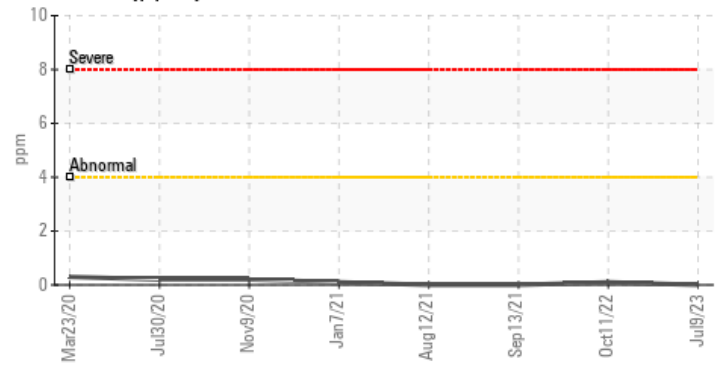


GRAPHS

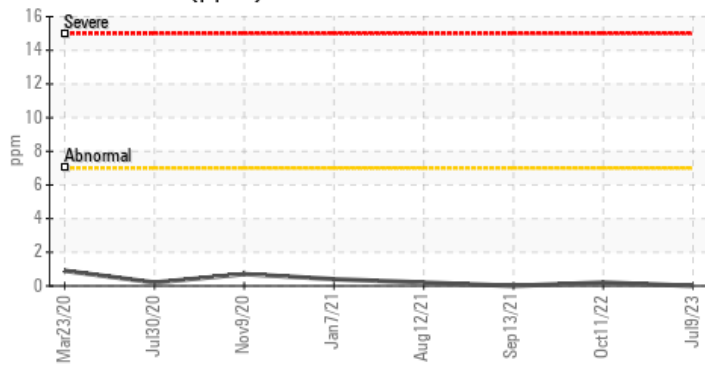
Iron (ppm)



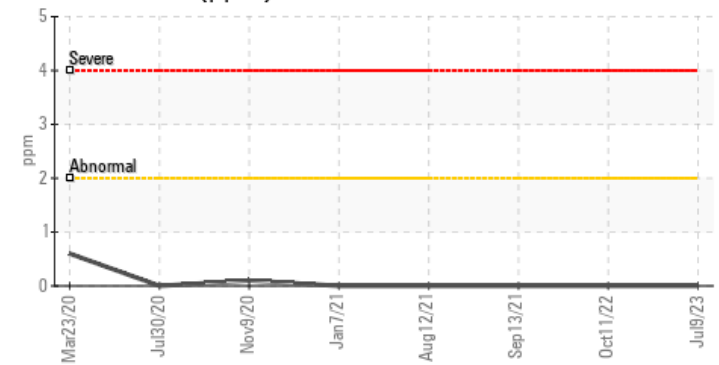
Lead (ppm)



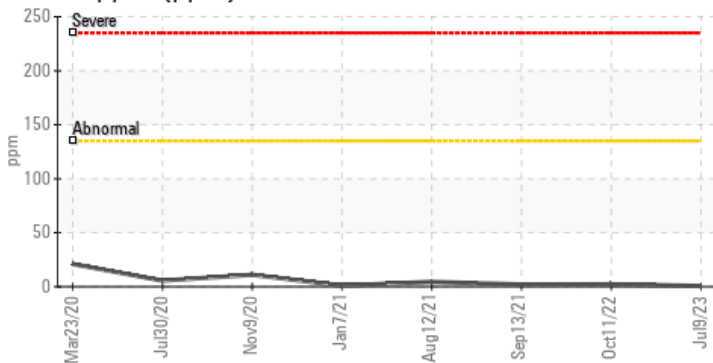
Aluminum (ppm)



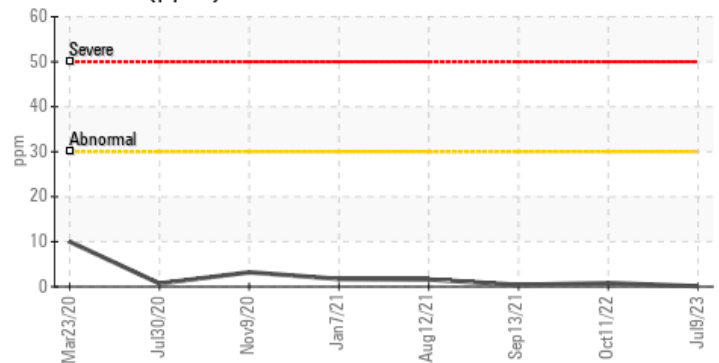
Chromium (ppm)



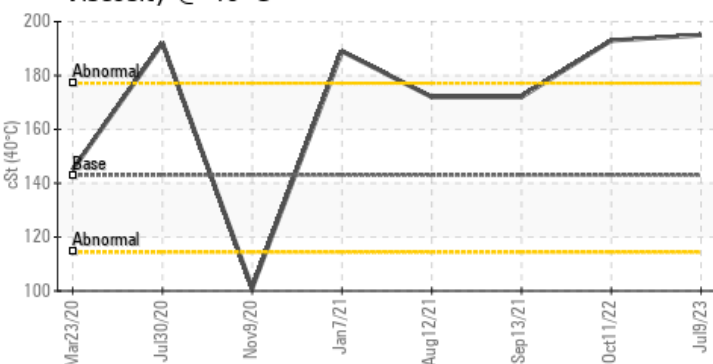
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

