

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 060802-1205 - Splitter Box

Sample No: LH0261060

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



ARCELORMITTAL LONG PRODUITS CANADA
3185 ROUTE MARIE-VICTORIN
CONTRECOEUR, QC
CA J0L 1C0
Contact: Danny Drouin
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T:
F:



SAMPLE INFORMATION

Sample Number	LH0261060	LH0256492	LH0256386	LH
Sample Date	15 Sep 2023	17 Aug 2023	04 Aug 2023	24 Jul 2023
Machine Hours	15368	11622	15093	15000
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Changed
Sample Status	NORMAL	SEVERE	NORMAL	ABNORMAL



OIL CONDITION

Visc @ 40°C	cSt	101	94.1	101	96.6
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CONTAMINATION

Silicon	ppm	8	12	8	11
Sodium	ppm	1	<1	1	2
Potassium	ppm	2	3	2	2



WEAR METALS

PQ		---	0	---	---
Iron	ppm	65	195	62	92
Copper	ppm	<1	49	1	2
Lead	ppm	<1	1	0	<1
Tin	ppm	0	3	0	0
Aluminum	ppm	2	5	2	3
Chromium	ppm	<1	3	<1	1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	163	277	150	252
Magnesium	ppm	6	5	5	8
Zinc	ppm	80	183	75	125
Phosphorus	ppm	1419	1399	1425	1387
Barium	ppm	0	0	0	0
Boron	ppm	244	207	257	228

Diagnosis

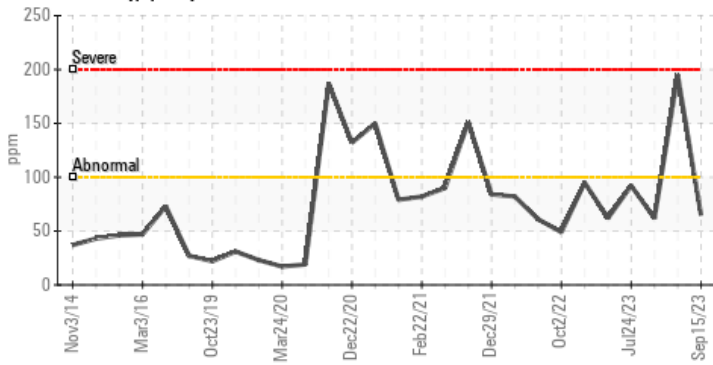
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: MITCON
Unique No: 5644717
Signed: Wes Davis
Report Date: 19 Sep 2023

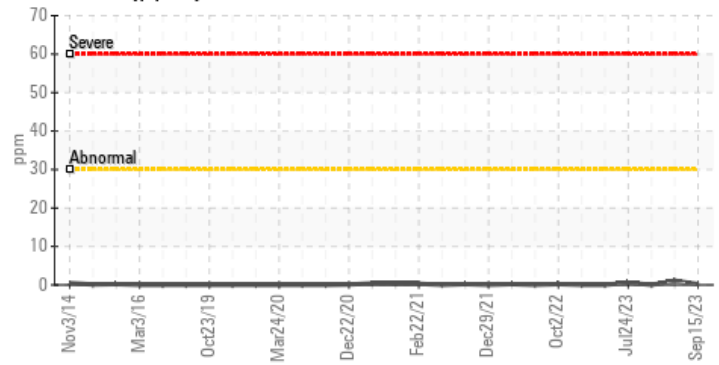


GRAPHS

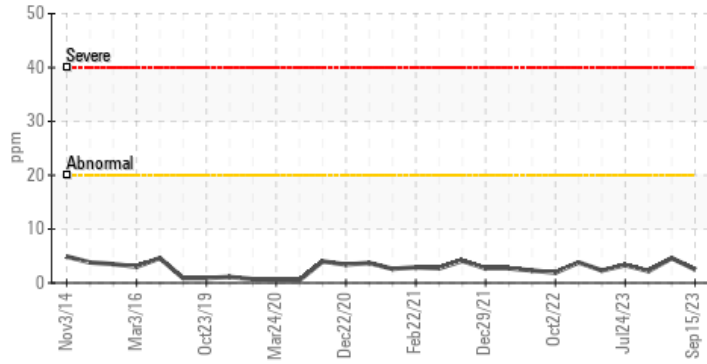
Iron (ppm)



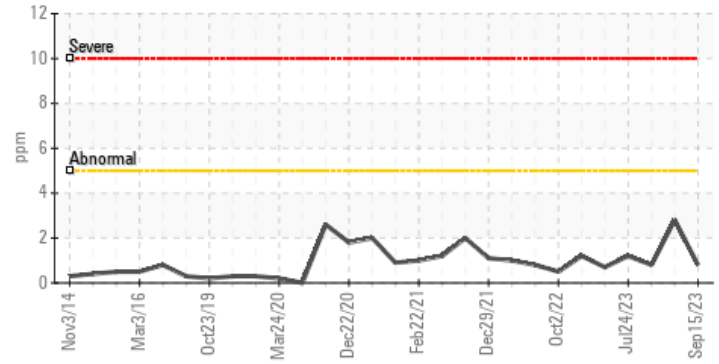
Lead (ppm)



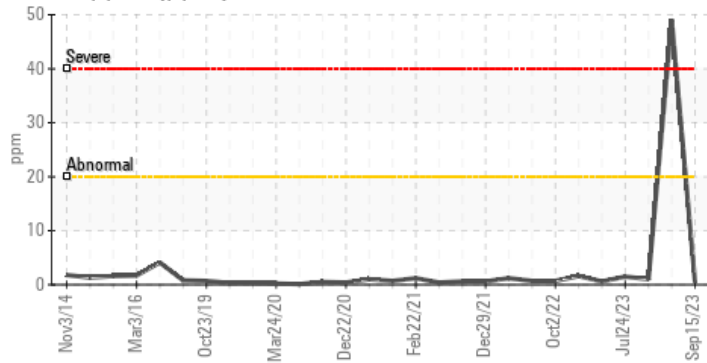
Aluminum (ppm)



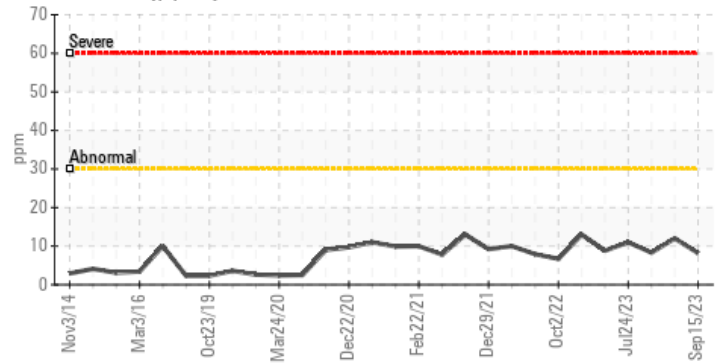
Chromium (ppm)



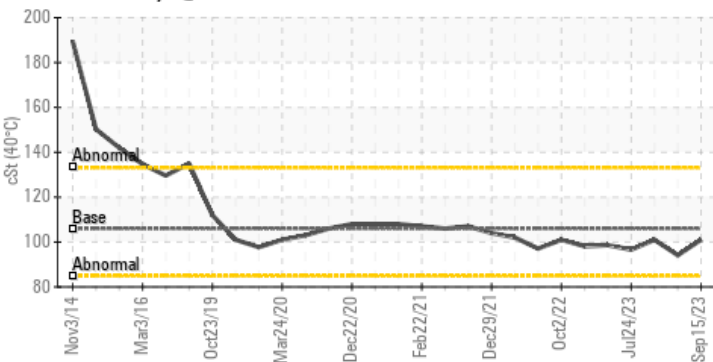
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

