

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 122402-1218 - Front Differential

Sample No: LH0279420

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

Sample Number	LH0279420	LH0274204	LH0260827	LH0225334
Sample Date	23 Dec 2023	21 Oct 2023	19 Aug 2023	17 Jun 2023
Machine Hours	9463	8989	8585	7934
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	106	105	105	105



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	4	3
Sodium	ppm	<1	2	2	<1
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	4	18	17	2
Copper	ppm	<1	1	2	<1
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	15	13	6
Magnesium	ppm	2	3	3	2
Zinc	ppm	12	16	13	7
Phosphorus	ppm	1339	1385	1464	1458
Barium	ppm	0	1	1	0
Boron	ppm	236	265	265	266

Diagnosis

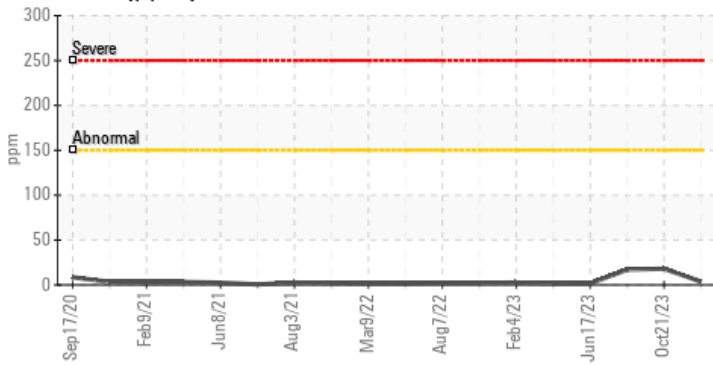
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: MITCON
Unique No: 5708998
Signed: Wes Davis
Report Date: 10 Jan 2024

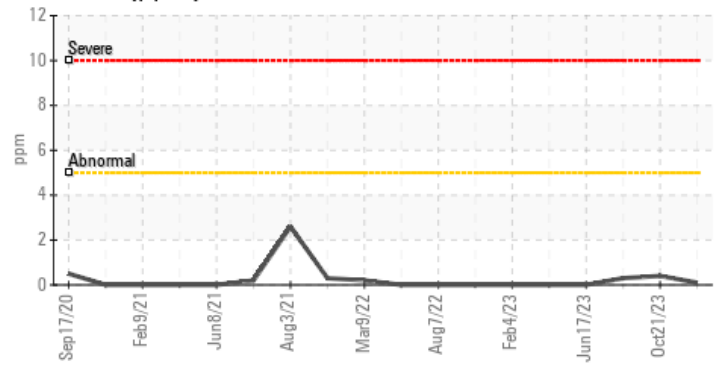


GRAPHS

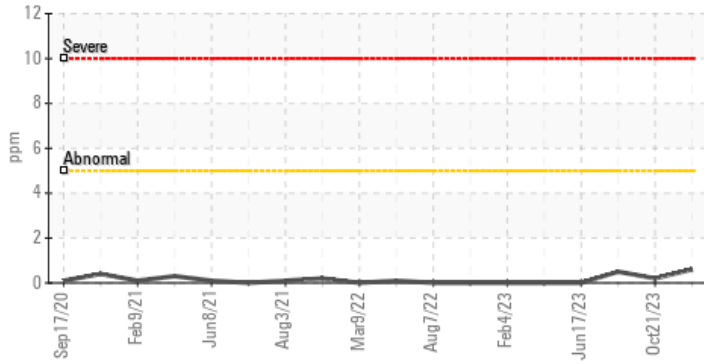
Iron (ppm)



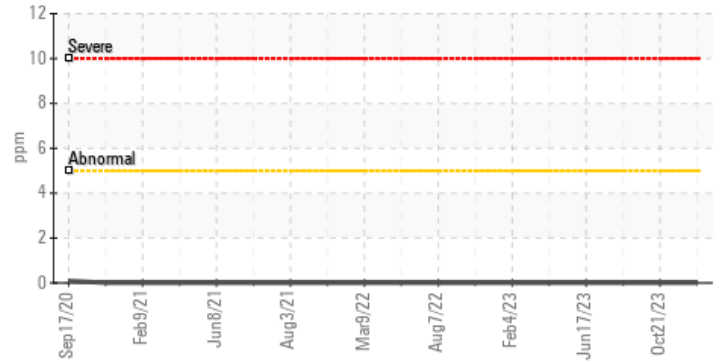
Lead (ppm)



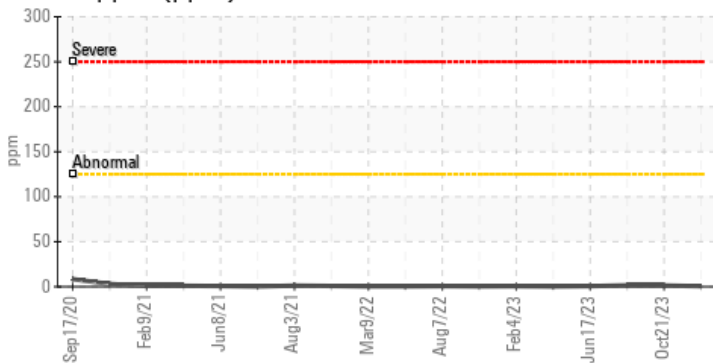
Aluminum (ppm)



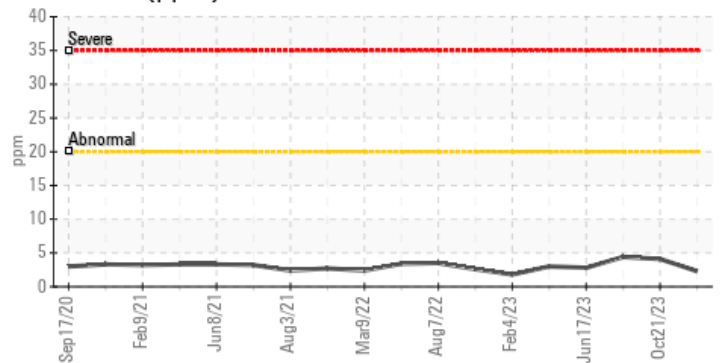
Chromium (ppm)



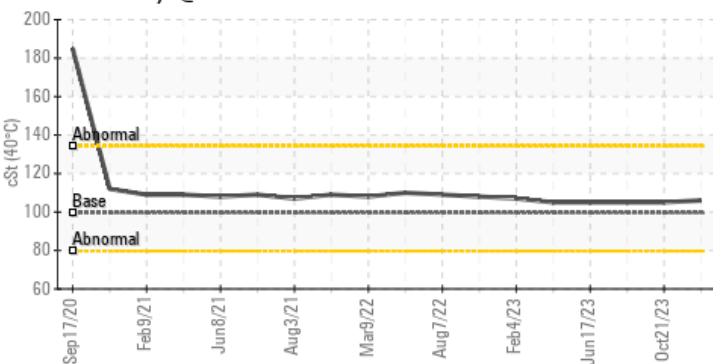
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

