

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340290)] LIEBHERR L586 059132-1334 - Transmission (Man

Sample No: LH

Oil Type: PETRO CANADA DURATRAN SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH	LH	LH0215324	LH0222119
Sample Date	10 Jan 2024	07 Sep 2023	22 Nov 2022	27 Jun 2022
Machine Hours	0	16500	12076	10000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**NEXOLIA, CHAPAIS ENERGIE SEC**  
 140 RUE DE LA CONGENERATION  
 CHAPAIS, QC  
 CA G0W 1H0  
 Contact: Carl Adams



#### OIL CONDITION

Visc @ 40°C	cSt	36.4	35.0	38.7	35.8
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T: (418)745-2521  
 F: (418)745-3680



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	9	7	7
Sodium	ppm	<1	2	1	6
Potassium	ppm	<1	<1	4	1

#### 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 le fluide. L'état de le fluide est acceptable pour la durée de service.



#### WEAR METALS

Iron	ppm	13	24	14	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

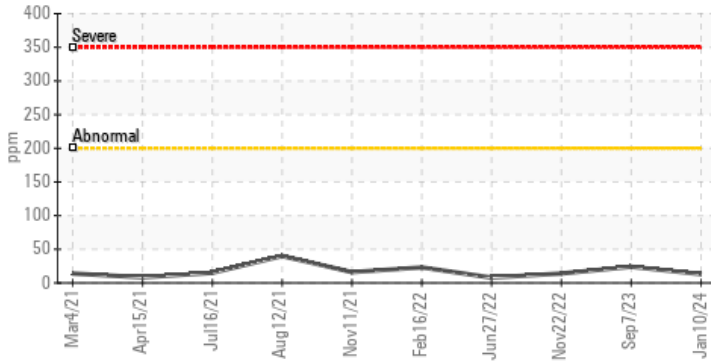
Calcium	ppm	3628	3688	3531	3394
Magnesium	ppm	12	13	13	14
Zinc	ppm	1434	1528	1312	1348
Phosphorus	ppm	1216	1322	1179	1113
Barium	ppm	0	0	0	0
Boron	ppm	98	105	91	93

Depot: CHA140CHA  
 Unique No: 5710565  
 Signed: Wes Davis  
 Report Date: 17 Jan 2024

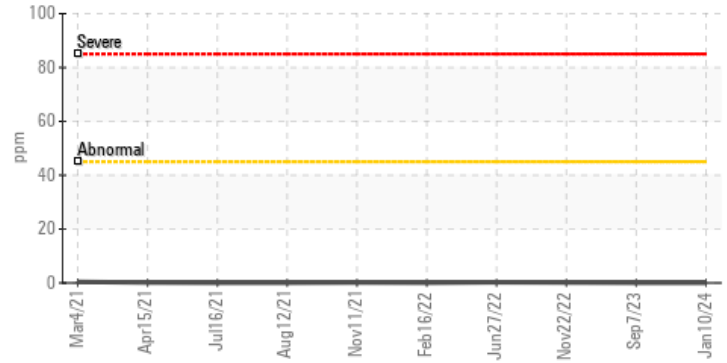


### GRAPHS

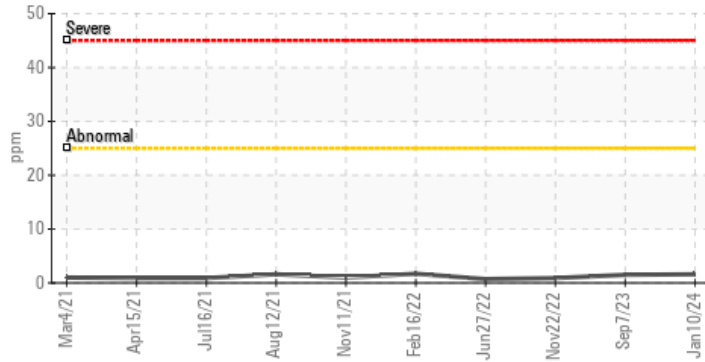
Iron (ppm)



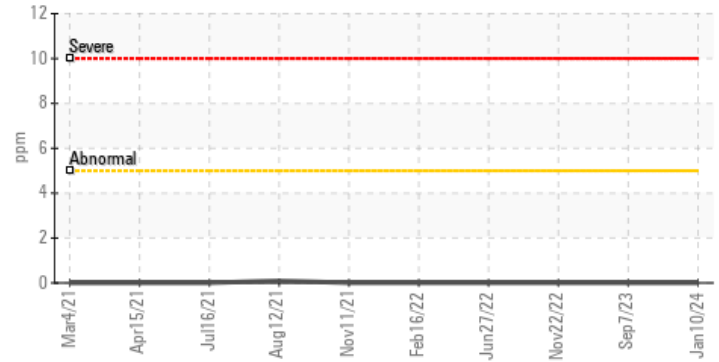
Lead (ppm)



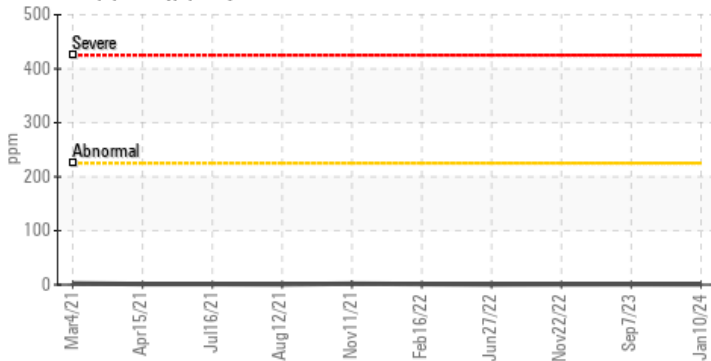
Aluminum (ppm)



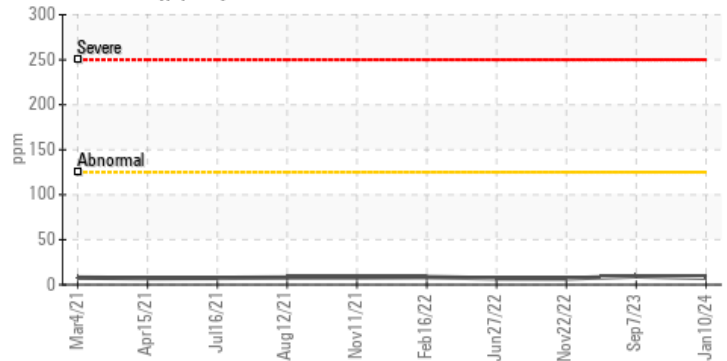
Chromium (ppm)



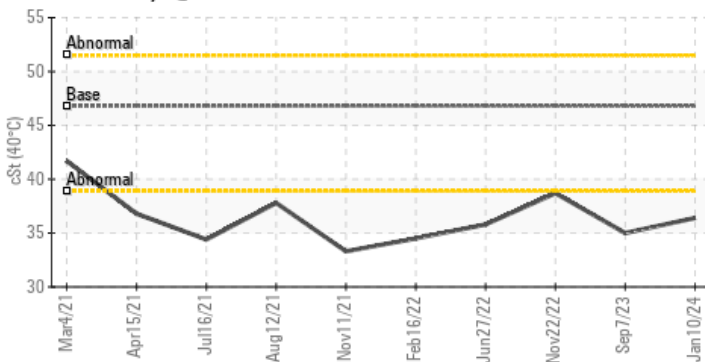
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

