

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 135986 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH	LH0278481	LH	LH0250093
Sample Date	07 May 2024	22 Dec 2023	04 Oct 2023	26 Jun 2023
Machine Hours	4737	3966	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Industrial Metals

550 Messier St.
Winnipeg, MB
CA R2J 0G5
Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	177	177	174	167
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	5	4
Sodium	ppm	1	2	2	3
Potassium	ppm	<1	0	<1	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



Wear Metals

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



Additives

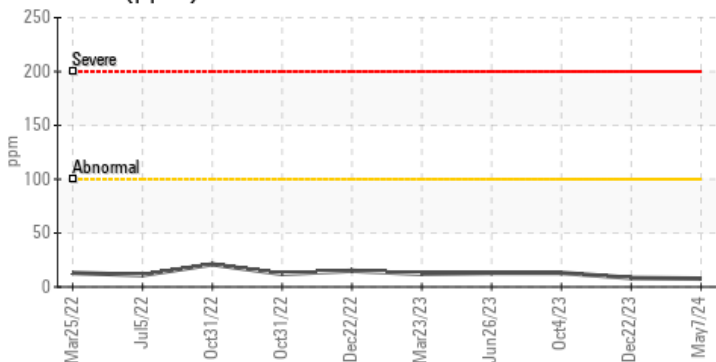
Calcium	ppm	37	38	59	51
Magnesium	ppm	2	2	3	5
Zinc	ppm	25	24	37	33
Phosphorus	ppm	2207	2237	2196	2240
Barium	ppm	0	0	<1	0
Boron	ppm	4	5	13	30

Depot: IND550WIN
Unique No: 5775828
Signed: Wes Davis
Report Date: 10 May 2024

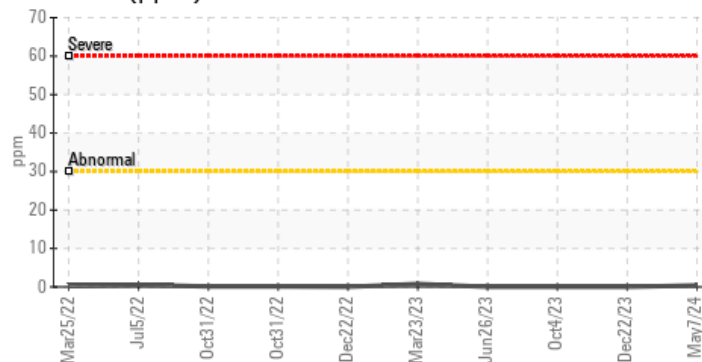


Graphs

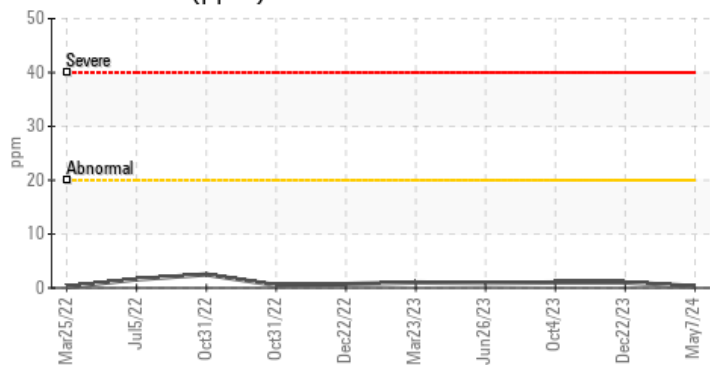
Iron (ppm)



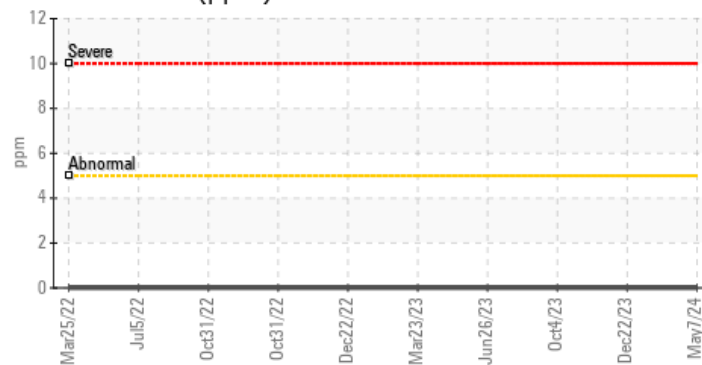
Lead (ppm)



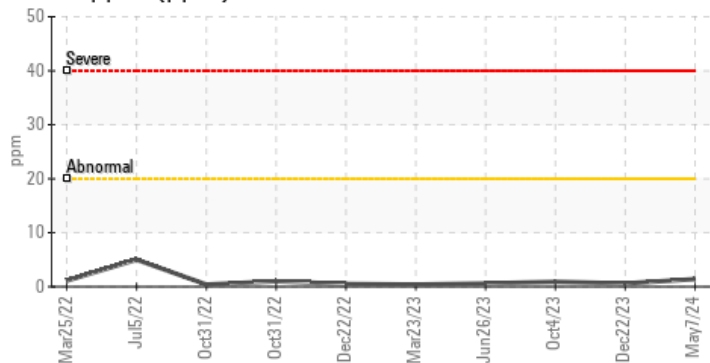
Aluminum (ppm)



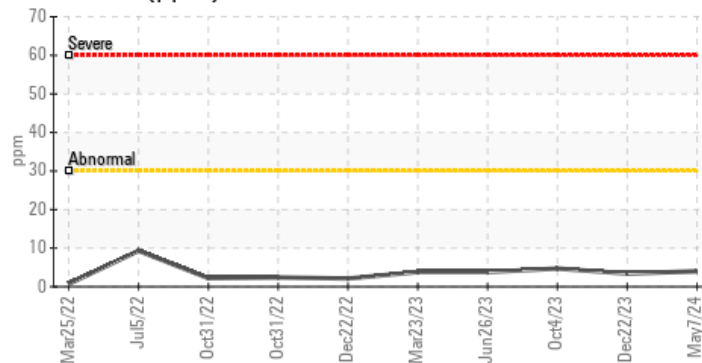
Chromium (ppm)



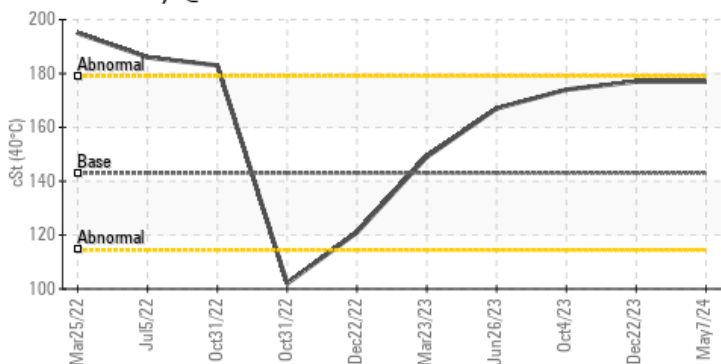
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

