

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1216-123739 - Splitter Box

Sample No: LH0211684

Oil Type: GEAR OIL SAE 75W90



AHLSTROM-MUNKSJO NA SPECIALTY
 PO BOX 600
 KAUKAUNA, WI
 US 54130
 Contact: JOE SEITZ
 joe.seitz@ahlstrom-munksjo.com
 T:
 F:



SAMPLE INFORMATION

Sample Number	LH0211684	LH0211656	LH0211642	LH0211628
Sample Date	31 Jan 2024	09 Aug 2023	28 Mar 2023	18 Jan 2023
Machine Hours	10743	8617	7200	6180
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	96.3	102	105	104



CONTAMINATION

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



WEAR METALS

Iron	ppm	10	9	7	7
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	93	43	25	19
Magnesium	ppm	2	1	3	3
Zinc	ppm	59	35	18	20
Phosphorus	ppm	1944	2030	2033	1977
Barium	ppm	0	0	0	2
Boron	ppm	325	321	328	285

Diagnosis

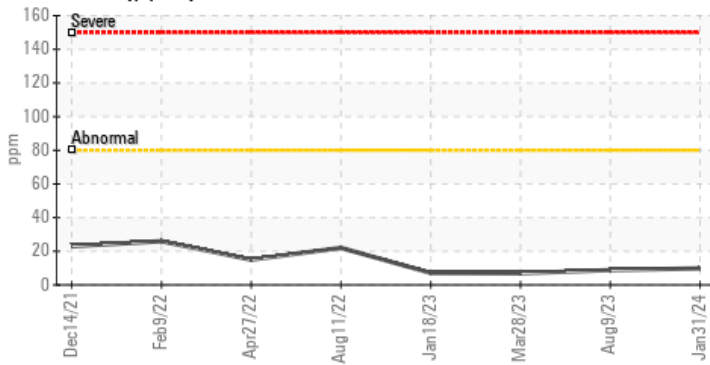
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: AHLKAU
 Unique No: 10871831
 Signed: Wes Davis
 Report Date: 09 Feb 2024

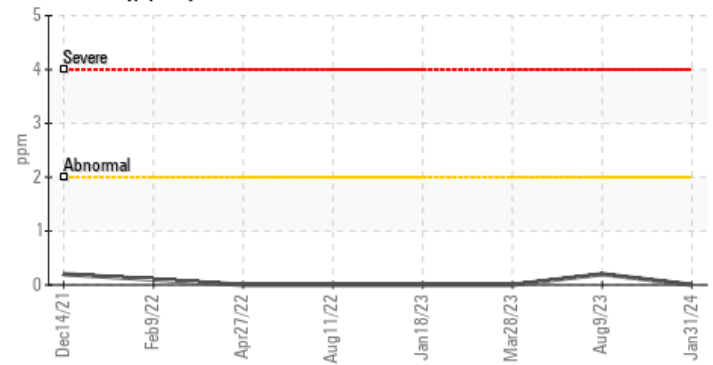


GRAPHS

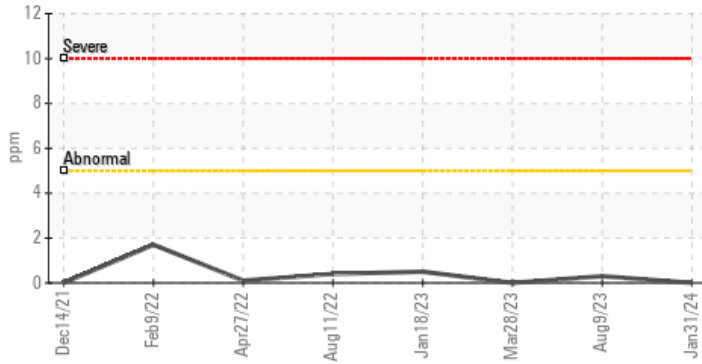
Iron (ppm)



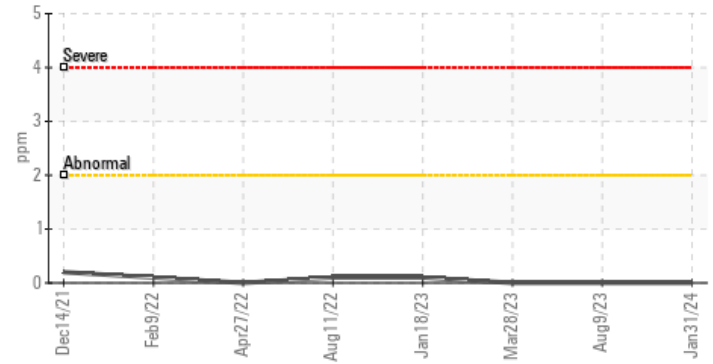
Lead (ppm)



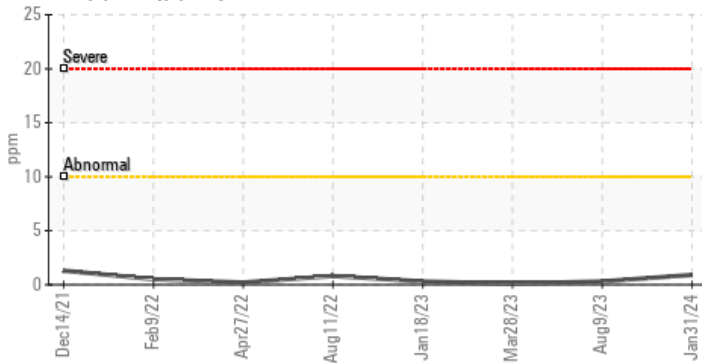
Aluminum (ppm)



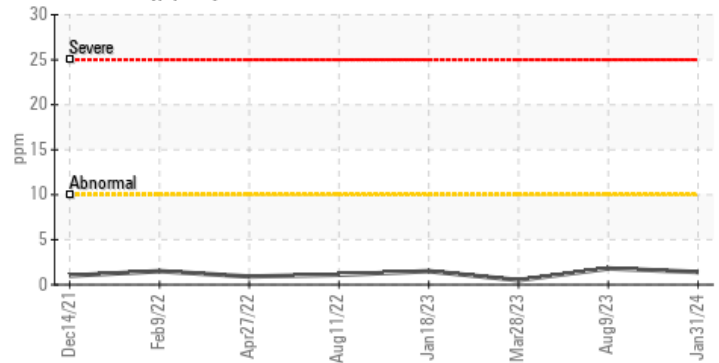
Chromium (ppm)



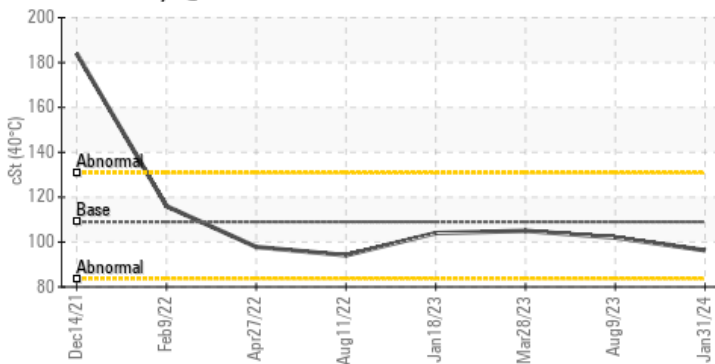
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

