LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 132404-1216 - Front Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 75W90

_						
SAMP	LE INFORA	AATION				
Sample Number		LH	LH0209254	LH0209270	LH	
Sample Date		15 Mar 2024	15 Mar 2024	02 Feb 2024	24 Nov 2023	
Machine Hours		12925	12925	12428	11707	
Oil Hours		0	0	0	0	
Oil Changed		Changed	Changed	Changed	N/A	
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL	
OIL CONDITION						
Visc @ 40°C	cSt	90.3	92.8	O 90.5	O 101	
-4						
CONTAMINATION						

CONT	CONTAMINATION						
Water	%	NEG	NEG	NEG	NEG		
Silicon	ppm	9	○ 3	08	O 2		
Sodium	ppm	1	4	4	08		
Potassium	ppm	1	10	11	3		

WEAR METALS						
Iron	ppm	47	46	O 55	O 42	
Copper	ppm	6	4	7	O 10	
Lead	ppm	0	0	O 0	0	
Tin	ppm	0	O 0	O 0	0	
Aluminum	ppm	<1	O	<1	O <1	
Chromium	ppm	0	O 0	0	0	
Molybdenum	ppm	0	O 0	O	0	
Nickel	ppm	0	O 0	O 0	0	
Titanium	ppm	0	0	0	0	
Silver	ppm	3	0	0	0	
Manganese	ppm	0	0	O 0	0	
Vanadium	ppm	0	0	0	0	

vanadium	ppm	U	U	U	U	
ADDI						
ADDITIVES						
Calcium	ppm	171	O 12	O 145	100	
Magnesium	ppm	1	O <1	O <1	O <1	
Zinc	ppm	77	1 3	77	O 62	
Phosphorus	ppm	1060	1069	O 1121	O 1236	
Barium	ppm	0	0	O 0	O 0	
Boron	ppm	149	O 153		O 120	



HUBERT & FILS
474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9
Contact: Eric Brisebois
ericbrisebois99@gmail.com
T:

F:

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.

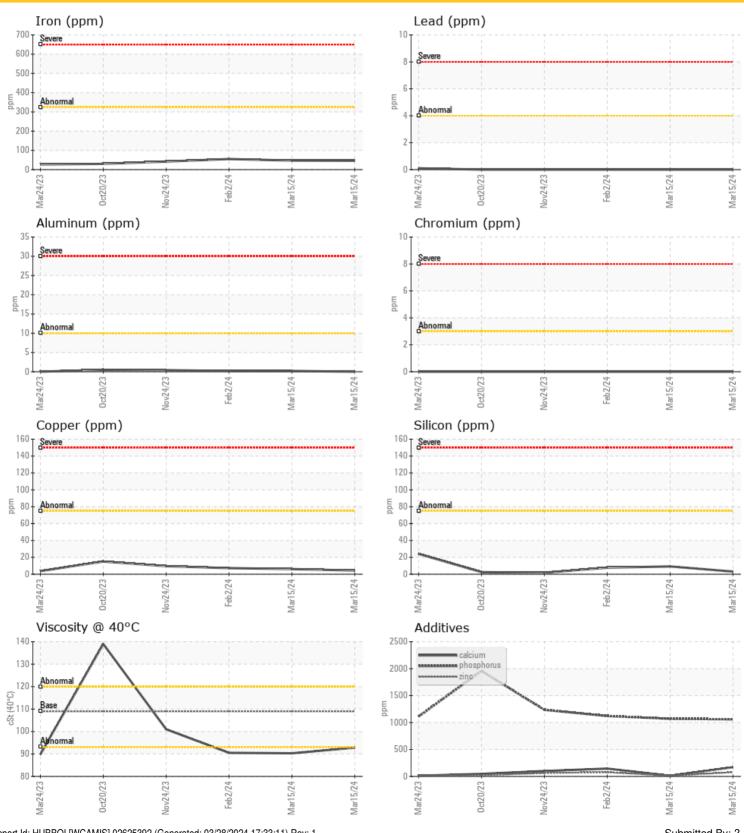
Depot:HUBBOIUnique No:5750511Signed:Wes DavisReport Date:28 Mar 2024

CONSTRUCTION EQUIPMENT





GRAPHS



Report Id: HUBBOI [WCAMIS] 02625392 (Generated: 03/28/2024 17:33:11) Rev: 1

Submitted By: ?