LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 094197-1216 - Rear Right Wheel Hub

Sample No: LH0284144

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

SAME	PLE INFOR	MATION			
Sample Number		LH0284144	LH0270005	LH0251221	LH0221586
Sample Date		18 Mar 2024	01 Nov 2023	13 Mar 2023	06 Oct 2022
Machine Hours		25297	23554	22266	21039
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITION					
Visc @ 40°C	cSt	189	181	160	179
-1					

CON	CONTAMINATION							
Water	%	NEG	NEG	NEG	NEG			
Silicon	ppm	5	4	6	O 2			
Sodium	ppm	2	O 2	1	3			
Potassium	ppm	0	O 0	0	O 0			

WEA	R METAL	.S			
Iron	ppm	12	O 22	O 22	O 23
Copper	ppm	2	3	3	4
Lead	ppm	0	0	O 0	0
Tin	ppm	0	O 0	O 0	0
Aluminum	ppm	0	O <1	O <1	<1
Chromium	ppm	0	O 0	O 0	0
Molybdenum	ppm	0	0	O 0	0
Nickel	ppm	0	O <1	O <1	O <1
Titanium	ppm	0	0 0	O 0	0
Silver	ppm	0	O <1	O 0	0
Manganese	ppm	0	0	O <1	 <1
Vanadium	ppm	0	0	0	0

Vanadium	ppm	0	0	0	0
ADD	DITIVES				
Calcium	ppm	5	O 12	45	7
Magnesium	ppm	0	O <1	O 1	O <1
Zinc	ppm	7	O 12	4 3	6
Phosphorus	ppm	2265	2378	2277	2370
Barium	ppm	0	O <1	O 0	O 0
Boron	ppm	0	2	3	2



INDUSTRIES GDS INC. 207 ROUTE 295 VILLE-DEGELIS, QC CA G5T 1R1

Contact: Martin Deschenes mdeschenes@groupgds.com

T: (418)853-2566

F:

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: INDVIL
Unique No: 5748945
Signed: Wes Davis
Report Date: 21 Mar 2024

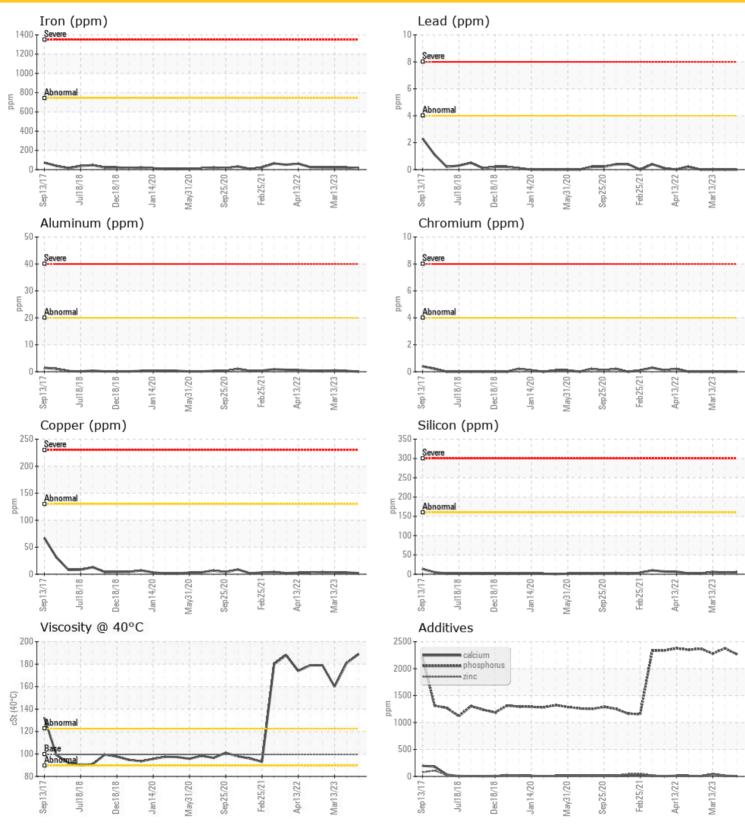
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GRAPHS



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Submitted By: ?