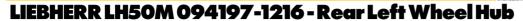
LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LH0279295

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

SAMP	LE INFORM	MATION			
Sample Number		LH0279295	LH0270006	LH0251218	LH0221587
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	191	181	160	179

CONT	AMINATIO	N			
Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4		4	02
Sodium	ppm	2	6	O 1	○ 3
Potassium	ppm	0	O 2	O <1	0

WEA	R METAL	.S			
Iron	ppm	12	○ 22	O 19	O 23
Copper	ppm	2	O 3	3	4
Lead	ppm	0	O	<1	0
Tin	ppm	0	O 0	O	0
Aluminum	ppm	0	O <1	<1	O <1
Chromium	ppm	0	O 0	O 0	0
Molybdenum	ppm	0	0	O	0
Nickel	ppm	0	O <1	<1	O <1
Titanium	ppm	0	O	O	0
Silver	ppm	0	O <1	O 0	0
Manganese	ppm	0	0	<1	O <1
Vanadium	ppm	0	0	0	0

ADDITIVES	
Calcium ppm ⊙ 5 □ 14 □ 44 □ 6	
Magnesium ppm ○ <1	
Zinc ppm	
Phosphorus ppm 2243 2435 2219 2423	
Barium ppm ○ 0 ○ <1 ○ 0	
Boron ppm 0 2 3	



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: 5748946
Signed: Wes Davis
Report Date: 21 Mar 2024

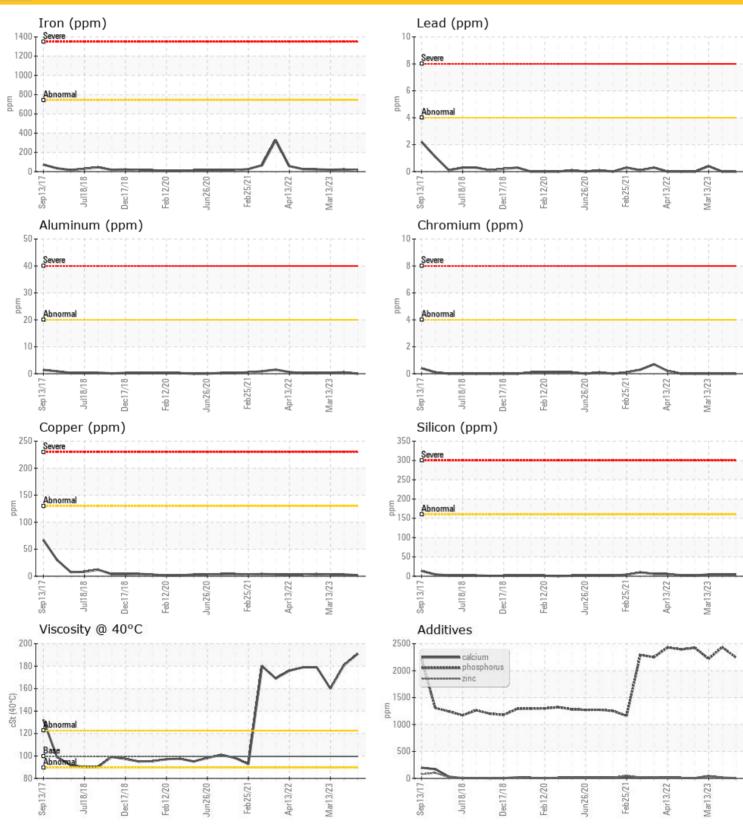
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CONSTRUCTION EQUIPMENT





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