LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 097459-1216 - Transmission (Manual)

Sample No: LH0238567

Boron

ppm

Report Id: JDITRU [WCAMIS] 02518439 (Generated: 10/30/2023 13:47:11) Rev: 1

Oil Type: PETRO CANADA DURON HP 15W40

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U SAN	PLE INFO	DRMATION			
Sample Number		LH0238567	LH0194733	LH0194636	LH0183464
Sample Date		24 Oct 2022	29 Oct 2021	25 Jul 2021	08 Feb 2021
Machine Hours		1000	20093	18995	8850
Oil Hours		0	0	0	0
Oil Changed		N/A	Changed	N/A	N/A
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL
Sample Status		ADNONIVIAL	ADINOTIVIAL	ADNOTIVIAL	ADIVOLIVIAL
A					
OIL	CONDITION	ON			
Visc @ 40°C	cSt	72.1	0 74.7	72.0	O 71.1
CON	TAMINA	TION			
Silicon	ppm	0 5	O 4	O 6	O 4
Sodium	ppm	01	0 2	0 2	02
Potassium	ppm	00	0 <1	0 <1	O 1
	ррш		0 11	0 1	
© WEA					
₩ WEA	AR META	LS			
Iron	ppm	28	O 21	16	O 14
Copper	ppm	12	10	6	6
Lead	ppm	() <1	O <1	O <1	O <1
Tin	ppm	○ <1	O <1	O <1	O <1
Aluminum	ppm	2	O 2	O 2	02
Chromium	ppm	0	O <1	O <1	O <1
Molybdenum	ppm	59	50	○ 56	50
Nickel	ppm	○ <1	O 0	O <1	O <1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	O 0	O 0	O 0
Manganese	ppm	2	1	1	O 1
Vanadium	ppm	0	0	0	0
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ADD	ITIVES				
Calcium	ppm	1073	O 877	O 1003	O 991
Magnesium	ppm	940	0 831	925	797
Zinc	ppm	O 1157	O 1023	O 1125	0 1076
Phosphorus	ppm	O 1197	O 1280	O 1209	O 1113
Barium	ppm	0	0 0	0 0	0 <1
	PP	<u> </u>	J 0	9 0	J



J.D. Irving

Truro Sawmill, 529 Valley Dale Road Truro, NS CA B2N 5C5 Contact: Sheldon Richardson

Contact: Sheldon Richardson richardson.sheldon@jdirving.com

T: (902)890-9419

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 fluid.
Viscosity of sample indicates oil is within SAE 30 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

Depot:JDITRUUnique No:5475419Signed:Kevin MarsonReport Date:25 Oct 2022

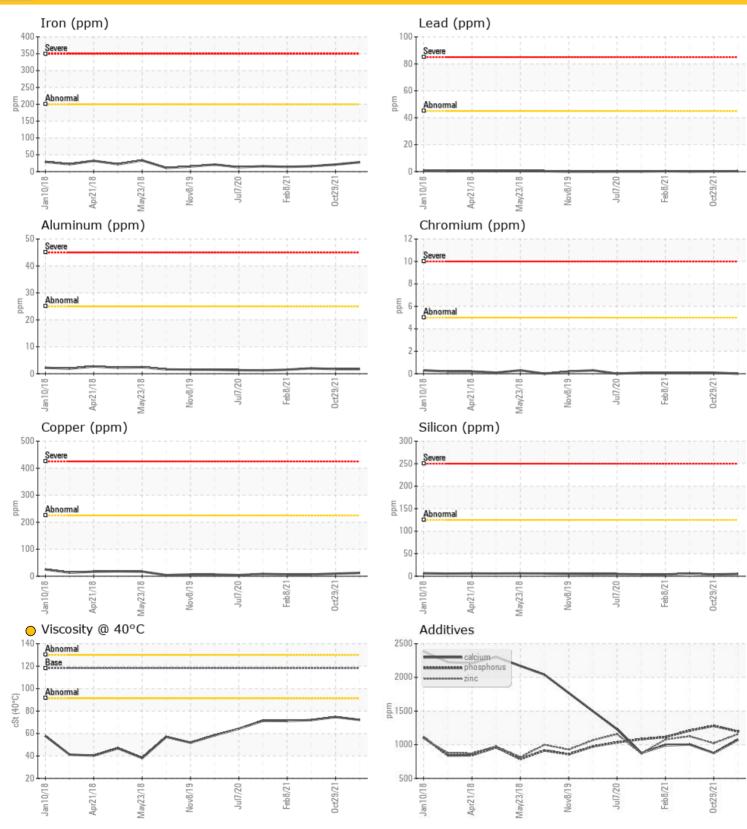
LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS



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Contact/Location: Sheldon Richardson - JDITRU