LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 097459-1216 - Front Left Wheel Hub

Sample No: LH0180237

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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U SAM	PLE INFO	DRMATION			
Sample Number		LH0180237	LH	LH0139124	LH0136434
Sample Date		06 Oct 2020	07 Jul 2020	01 Mar 2020	08 Nov 2019
Machine Hours		0	0	13987	12594
Dil Hours		0	0	0	1000
Oil Changed				-	
•		Changed NORMAL	Changed ABNORMAL	Changed NORMAL	Changed NORMAL
Sample Status		NORMAL	ADNORIVIAL	NORIVIAL	NORIVIAL
OILC	ONDITIO	ON			
Visc @ 40°C	cSt	94.4	○ 86.2	○ 88.6	90.0
CON	TAMINA	TION			
					0.0
Silicon	ppm	3	02	3	0 2
Sodium	ppm	2	O <1	O <1	O <1
Potassium	ppm	() <1	1	O <1	<1
Ø WEA					
WEA	R META	LS			
Iron	ppm	42	2 8	O 52	3 3
Copper	ppm	14	O 11	O 12	O 14
_ead	ppm	0 <1	O <1	O <1	O <1
Tin	ppm	0 0	O <1	0	0
Aluminum	ppm	0 <1	O <1	O <1	O <1
Chromium	ppm	O <1	0 0	0 <1	O <1
Molybdenum	ppm	0 <1	0 <1	O <1	O <1
Nickel	ppm	0 0	00	O <1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	O <1	0 0	O <1	O <1
Manganese	ppm	0 <1	0 <1	0 <1	0 <1
Vanadium	ppm	0	0	0	0
	P P				
ADD	ITIVES				
Calcium	ppm	27	O 34	O 53	O 68
Magnesium	ppm	3	0 4	0 4	0 2
Zinc	ppm	21	O 26	O 36	O 32
Z1110	PPIII	4 1	0 20	0 00	0 02

1246

0

305

1295

 \bigcirc 0

328

1284

 \bigcirc 0

327



J.D. Irving

Truro Sawmill, 529 Valley Dale Road Truro, NS

CA B2N 5C5

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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:JDITRUUnique No:5122512Signed:Wes DavisReport Date:22 Oct 2020

1236

0

309

Phosphorus

Barium

Boron

ppm

ppm

ppm

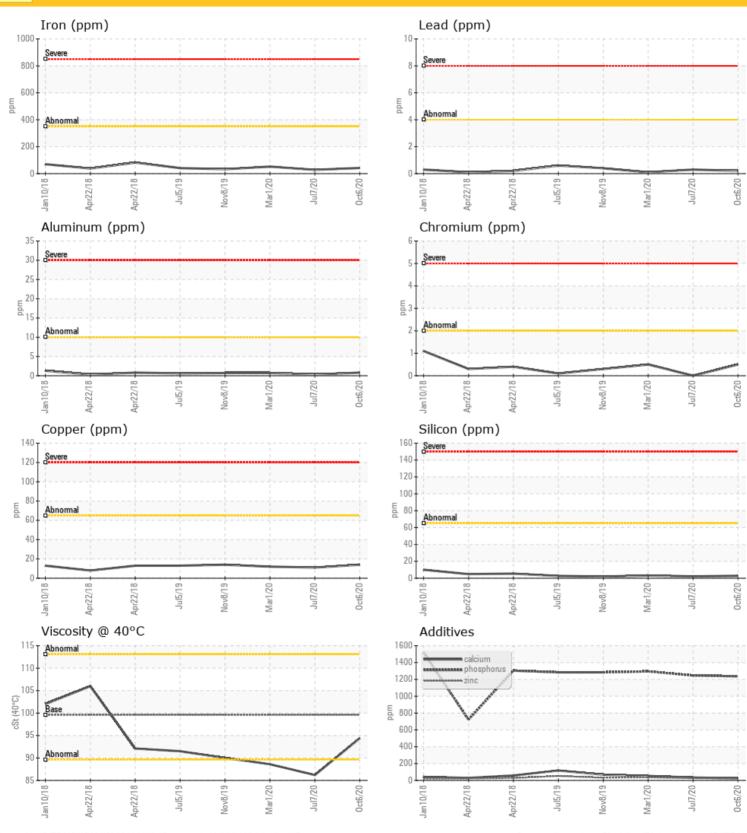
LIEBHERR

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GRAPHS



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Contact/Location: Sheldon Richardson - JDITRU