CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 097459-1216 - Splitter Box

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0194732

Oil Type:

0

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

SAMPLE INFORMATION	

Sample Number	LH0194732	LH0194634	LH0180427	LH0183458
Sample Date	29 Oct 2021	25 Jul 2021	17 Mar 2021	08 Feb 2021
Machine Hours	20093	18995	0	8850
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	N/A
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL
Visc @ 40°C cSt	88.8	94.5	0 104	87.6
1				

	NTAMIN/	ATION			
Silicon	ppm	3	07	2	2
Sodium	ppm	01	01	◯ <1	◯ <1
Potassium	ppm	0 2	◯ <1	◯ <1	◯ <1

WEA	R METALS	5			
PQ		0			
Iron	ppm	<u> </u>	0 11	◯ <1	07
Copper	ppm	○ <1	0 1	◯ <1	○ <1
Lead	ppm	0 🔘	◯ <1	◯ <1	○ <1
Tin	ppm	0 🔘	0	0	0
Aluminum	ppm	0 2	○ <1	◯ <1	○ <1
Chromium	ppm	01	◯ <1	0	○ <1
Molybdenum	ppm	○ <1	07	0	03
Nickel	ppm	○ <1	◯ <1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	<1
Manganese	ppm	02	○ <1	0	○ <1
Vanadium	ppm	0	0	0	0

118

127

176

0 1240

○ <1

0 220

0 12

 $\bigcirc 5$

0 11

 $\bigcirc 0$

296

J.D. Irving

Truro Sawmill, 529 Valley Dale Road Truro, NS CA B2N 5C5 Contact: Sheldon Richardson richardson.sheldon@jdirving.com T: (902)890-9419 F:

Diagnosis

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	JDITRU
Unique No:	5305029
Signed:	Kevin Marson
Report Date:	03 Nov 2021

0 50

51

0 1205

 $\bigcirc 0$

293

102

24

104

0 1288

07

0

0 274

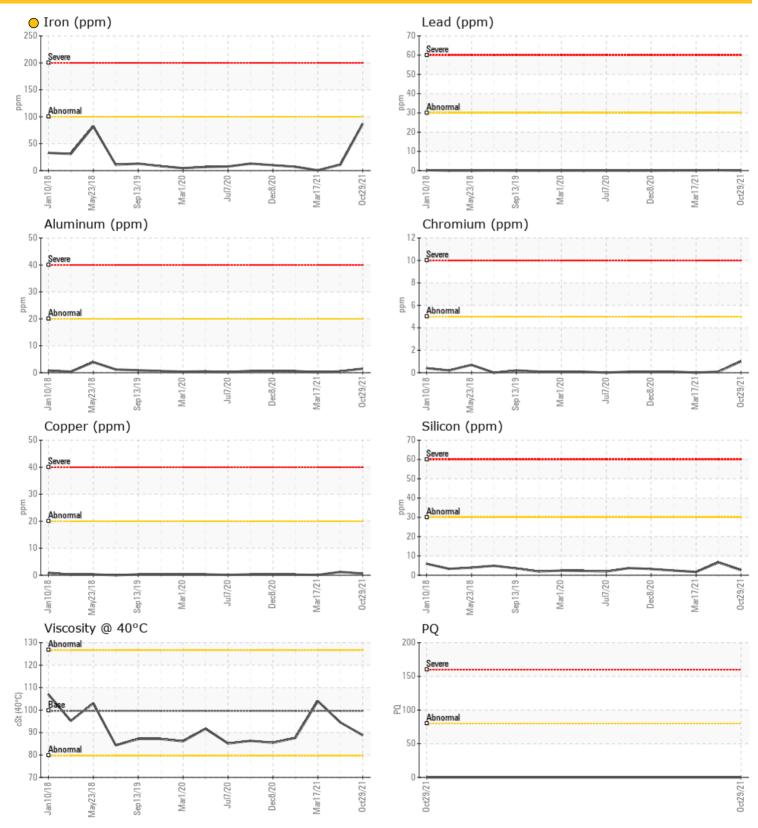






GRAPHS

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Contact/Location: Sheldon Richardson - JDITRU