CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 097459-1216 - Swing Drive

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0183465

Oil Type:

SAMPLE INFORMATION

Sample Number	LH0183465	LH0180236	LH	LH0139133
Sample Date	08 Feb 2021	06 Oct 2020	07 Jul 2020	01 Mar 2020
Machine Hours	8850	0	0	13987
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL
OIL CONDIT	ION			
Visc @ 40°C cSt	99.8	0 102	98.5	96.6
11 A				

	AMINATI	ON			
Silicon	ppm	5	5	3	3
Sodium	ppm	03	○ <1	○ <1	0
Potassium	ppm	02	◯ <1	01	◯ <1

A					
WEA	R METALS				
PQ		0 0	08		
Iron	ppm	<u> </u>	0 1265	927	397
Copper	ppm	08 (0 176	0 166	08 (
Lead	ppm	02	○ 5	5	2
Tin	ppm	01	○ <1	○ <1	○ <1
Aluminum	ppm	○ <1	○ <1	○ <1	○ <1
Chromium	ppm	<mark>()</mark> 11	0 12	6	3
Molybdenum	ppm	01	○ <1	○ <1	○ <1
Nickel	ppm	02	0 1	01	○ <1
Titanium	ppm	0 ()	0	0	○ <1
Silver	ppm	<1	<1	3	<1
Manganese	ppm	08	0 10	07	3
Vanadium	ppm	<1	<1	<1	0

0 **ADDITIVES** Calcium 0 14 ppm 8 🔘 014 $\bigcirc 7$ Magnesium ○ <1 $\bigcirc 2$ 3 3 ppm 0 22 Zinc 0 21 021 0 19 ppm Phosphorus ppm 0 1118 0 1166 0 1163 0 1197 Barium 0 ppm $\bigcirc 0$ $\bigcirc 0$ $\bigcirc 0$ Boron 0 209 0 250 ppm 0 214 0 128





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

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Chromium and 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. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	JDITRU
Unique No:	5174445
Signed:	Kevin Marson
Report Date:	10 Feb 2021

Report Id: JDITRU [WCAMIS] 02402973 (Generated: 10/30/2023 14:30:00) Rev: 1

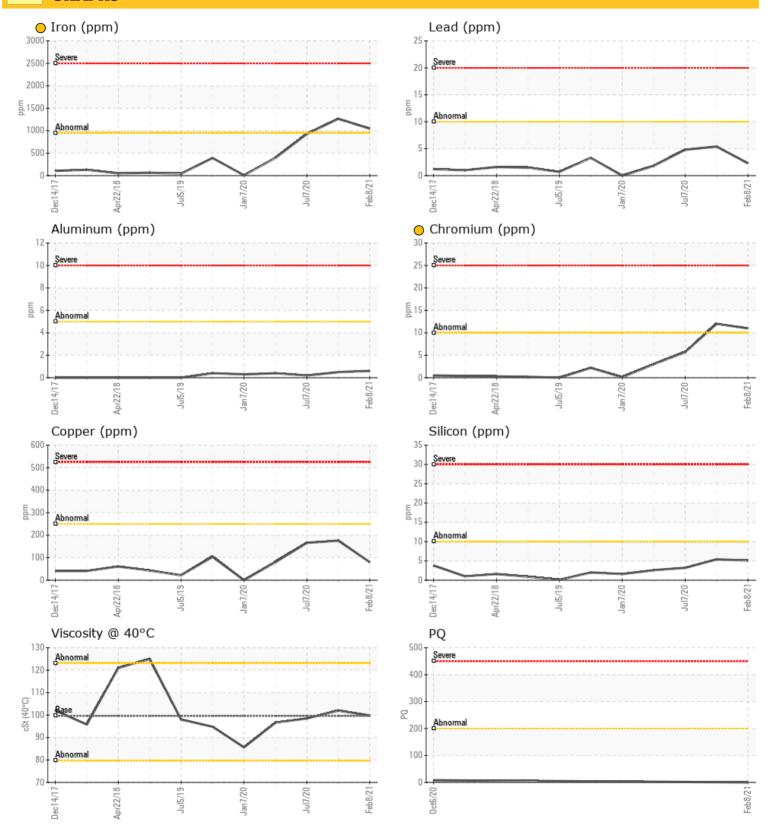
Submitted By: Sherrie Wilson





GRAPHS

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