

## LIEBHERR L580 071613-1760 - Transmission (Manual)

Sample No: LH0292406

4

Visc 

**Oil Type:** PETRO CANADA DURATRAN

## Sample Information

Sample Number	LH0292406	LH0277094	 
Sample Date	22 Jun 2024	14 Oct 2023	 
Machine Hours	2202	1054	 
Oil Hours	0	0	 
Oil Changed	Changed	Changed	 
Sample Status	NORMAL	ABNORMAL	 

	Oil Co	ndition			
c@	40°C	cSt	36.9	43.2	 

Contamination						
Water	%	NEG	NEG			
Silicon	ppm	09	08			
Sodium	ppm	0 9	0 18			
Potassium	ppm	02	03			

Ä				
Wea	r Metal	S		
Iron	ppm	0 16	0 18	 
Copper	ppm	0 2	03	 
Lead	ppm	0 (	○ <1	 
Tin	ppm	0 ()	0	 
Aluminum	ppm	01	◯ <1	 
Chromium	ppm	0 ()	0	 
Molybdenum	ppm	0 (	0	 
Nickel	ppm	<b>○</b> <1	○ <1	 
Titanium	ppm	0	0	 
Silver	ppm	<mark></mark> <1	○ <1	 
Manganese	ppm	<b>○</b> <1	0	 
Vanadium	ppm	0	0	 

ø **Additives** Calcium ppm 3597 3565 Magnesium  $\bigcirc 7$ ppm 09 Zinc 0 1473 0 1440 ppm Phosphorus 0 1183 ppm 0 1191 Barium ◯ <1 ppm ○ <1 Boron 0 100 ppm 0 104



**BIRCH HILL CONSTRUCTION** 11 MCELROY ST.

MONCTON, NB CA E1C 9T2 Contact: Service Manager

т: F:

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Depot: Unique No: Signed: **Report Date:** 

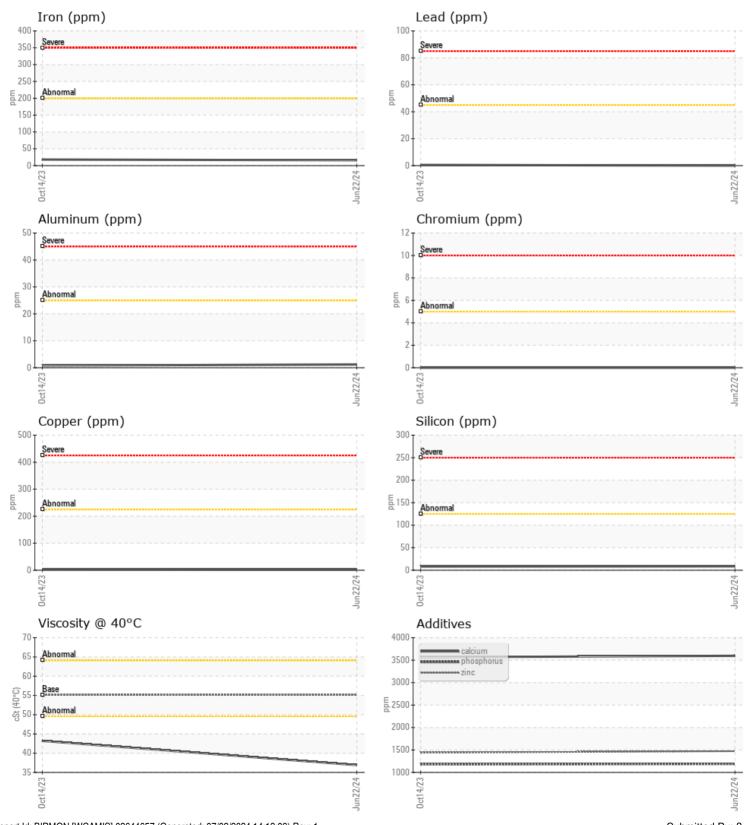
BIRMON 5802196 Kevin Marson 02 Jul 2024 Submitted By: ?





Graphs

 $\odot$ 



Report Id: BIRMON [WCAMIS] 02644657 (Generated: 07/02/2024 14:12:09) Rev: 1