

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0292406

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	---	---

**BIRCH HILL CONSTRUCTION**  
 11 MCELROY ST.  
 MONCTON, NB  
 CA E1C 9T2  
 Contact: Service Manager



#### Oil Condition

Visc @ 40°C	cSt	36.9	43.2	---	---
-------------	-----	------	------	-----	-----

T:  
F:



#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	9	8	---	---
Sodium	ppm	9	18	---	---
Potassium	ppm	2	3	---	---

#### 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.



#### Wear Metals

Iron	ppm	16	18	---	---
Copper	ppm	2	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	3597	3565	---	---
Magnesium	ppm	9	7	---	---
Zinc	ppm	1473	1440	---	---
Phosphorus	ppm	1191	1183	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	104	100	---	---

Depot: BIRMION  
 Unique No: 5802196  
 Signed: Kevin Marson  
 Report Date: 02 Jul 2024



### Graphs

