

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(362424)] LIEBHERR L556 065472-1826 - Transmission (Ma

Sample No: LH

Oil Type: PETRO CANADA DURADRIVE HD SYNTHETIC ATF



### SAMPLE INFORMATION

Sample Number	LH	LH0265467	LH0226827	---
Sample Date	20 Dec 2023	21 Jun 2023	10 May 2022	---
Machine Hours	5792	4413	1105	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

**BOIS LIB INC.**  
 275 RUE JEREMIE-PACAUD  
 PRINCEVILLE, QC  
 CA G6L 0A1  
 Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	38.2	43.4	44.3	---
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T:  
F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	9	10	---
Sodium	ppm	6	15	16	---
Potassium	ppm	2	5	4	---

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as PETRO CANADA DURADRIVE HD SYNTHETIC ATF, however, a fluid match indicates that this fluid is SAE 70W80 Tractor TDH Fluid. Please confirm the fluid type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	14	15	7	---
Copper	ppm	2	3	2	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	10	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



### ADDITIVES

Calcium	ppm	3592	3327	3403	---
Magnesium	ppm	12	8	9	---
Zinc	ppm	1483	1397	1439	---
Phosphorus	ppm	1223	1206	1193	---
Barium	ppm	0	<1	<1	---
Boron	ppm	103	96	105	---

Depot: LIBPRI  
 Unique No: 5697759  
 Signed: Kevin Marson  
 Report Date: 21 Dec 2023



### GRAPHS

