

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0265467

Oil Type: PETRO CANADA DURADRIVE HD SYNTHETIC ATF



### SAMPLE INFORMATION

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

BOIS LIB INC.

275 RUE JEREMIE-PACAUD

PRINCEVILLE, QC

CA G6L 0A1

Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	43.4	44.3	---	---
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T:

F:



### CONTAMINATION

Silicon	ppm	9	10	---	---
Sodium	ppm	15	16	---	---
Potassium	ppm	5	4	---	---

### Diagnosis

The fluid 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. The fluid was specified as PETRO CANADA DURADRIVE HD SYNTHETIC ATF, however, a fluid match indicates that this fluid is SAE 75W80 Tractor TDH Fluid. Please confirm the fluid type and grade on your next sample. Silver ppm levels are abnormal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	3327	3403	---	---
Magnesium	ppm	8	9	---	---
Zinc	ppm	1397	1439	---	---
Phosphorus	ppm	1206	1193	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	96	105	---	---

Depot: LIBPRI

Unique No: 5605083

Signed: Kevin Marson

Report Date: 05 Jul 2023



### GRAPHS

