

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 069061-1826 - Transmission (Manual)

Sample No: LH0257322

Oil Type: PETRO CANADA DURADRIVE HD SYNTHETIC ATF



SAMPLE INFORMATION

Sample Number	LH0257322	LH0257289	---	---
Sample Date	25 Jan 2024	12 May 2023	---	---
Machine Hours	4000	1010	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

PRODUITS FORESTIERS D.G. LTEE
 313 RANG ST-JOSEPH
 STE-AURELIE, QC
 CA G0M 1M0
 Contact: Roger .



OIL CONDITION

Visc @ 40°C	cSt	35.2	39.3	---	---
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T: (418)593-3547
 F: (418)593-3633



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	8	---	---
Sodium	ppm	2	18	---	---
Potassium	ppm	1	2	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. 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	12	6	---	---
Copper	ppm	1	2	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3630	3648	---	---
Magnesium	ppm	9	8	---	---
Zinc	ppm	1404	1423	---	---
Phosphorus	ppm	1159	1259	---	---
Barium	ppm	0	0	---	---
Boron	ppm	100	102	---	---

Depot: PRO9STE
 Unique No: 5720707
 Signed: Bill Quesnel
 Report Date: 29 Jan 2024



GRAPHS

