

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363880)] LIEBHERR L550 064917-1756 - Transmission (Mar

Sample No: LH0279051

Oil Type: PETRO CANADA DURATRAN



SAMPLE INFORMATION

Sample Number	LH0279051	LH0250897	LH	LH0215627
Sample Date	22 Jan 2024	03 Feb 2023	03 May 2022	03 Dec 2021
Machine Hours	5982	4136	0	0
Oil Hours	0	0	1986	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARMAND DUHAMEL et FILS INC.
 778 RUE DE L' EGLISE
 ST-IGNACE-STANDBRIDGE, QC
 CA J0J 1Y0
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	37.6	41.8	42.0	44.9
-------------	-----	------	------	------	------

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	0.054
Silicon	ppm	10	11	9	7
Sodium	ppm	4	15	16	17
Potassium	ppm	1	2	2	2

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. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	20	30	10	5
Copper	ppm	2	4	2	2
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	3	3	1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3731	3440	3138	3445
Magnesium	ppm	15	11	9	9
Zinc	ppm	1488	1399	1416	1431
Phosphorus	ppm	1220	1258	1230	1206
Barium	ppm	0	0	0	<1
Boron	ppm	105	101	102	105

Depot: ARMSTI
 Unique No: 5720706
 Signed: Bill Quesnel
 Report Date: 29 Jan 2024



GRAPHS

