

LIEBHERR

CONSTRUCTION EQUIPMENT



100881- Transmission (Manual)

Sample No: LH0289630

Oil Type: PETRO CANADA 10W40



Sample Information

Sample Number	LH0289630	LH0153882	---	---
Sample Date	01 May 2024	16 Jun 2023	---	---
Machine Hours	6974	5929	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

American Iron and Metal

2555 Sheffield Road
Ottawa, ON
CA K1B 3V6
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Oil Condition

Visc @ 40°C	cSt	67.9	70.3	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	2	7	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	<1	1	---	---

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 condition of the fluid is acceptable for the time in service.



Wear Metals

Iron	ppm	10	11	---	---
Copper	ppm	14	17	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	47	40	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	7	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	1839	2221	---	---
Magnesium	ppm	779	662	---	---
Zinc	ppm	1170	1168	---	---
Phosphorus	ppm	1050	1145	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	55	86	---	---

Depot: BAKOTT
Unique No: 5773984
Signed: Kevin Marson
Report Date: 02 May 2024



Graphs

