

LIEBHERR

CONSTRUCTION EQUIPMENT



24016 - Transmission

Sample No: LH0104270

Oil Type: PETRO CANADA 10W40



SAMPLE INFORMATION

Sample Number	LH0104270	LH0234752	---	---
Sample Date	10 Oct 2023	25 Jul 2022	---	---
Machine Hours	20995	19901	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

American Iron and Metal

75 Steel City Court
Hamilton, ON
CA L8H 3Y2
Contact: Heavy Equipment
hamiltonmobileassetmaintenance@aim-recycling.com
T: (905)547-5533
F: (905)544-5671



OIL CONDITION

Visc @ 40°C	cSt	75.3	70.8	---	---
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CONTAMINATION

Silicon	ppm	4	4	---	---
Sodium	ppm	2	2	---	---
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	13	---	---
Copper	ppm	11	19	---	---
Lead	ppm	10	20	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	62	65	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1299	1559	---	---
Magnesium	ppm	701	399	---	---
Zinc	ppm	1137	1103	---	---
Phosphorus	ppm	987	1014	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	21	46	---	---

Depot: AMEHAM
Unique No: 5658020
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

