

LIEBHERR

CONSTRUCTION EQUIPMENT



045287 - 4 Differential

Sample No: LH0250394

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0250394	LH0151060	---	---
Sample Date	29 Jun 2023	05 Jan 2022	---	---
Machine Hours	2761	28070	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA LTD.

10374 267 ST.

ACHESON, AB

CA T7X 6A2

Contact: Rodney Budzak

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OIL CONDITION

Visc @ 40°C	cSt	97.0	89.6	---	---
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CONTAMINATION

Silicon	ppm	4	4	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	128	114	---	---
Copper	ppm	73	99	---	---
Lead	ppm	3	4	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2	7	---	---
Magnesium	ppm	5	56	---	---
Zinc	ppm	49	64	---	---
Phosphorus	ppm	1476	1323	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	252	328	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIESPR

Unique No: 5605898

Signed: Wes Davis

Report Date: 10 Jul 2023



GRAPHS

