

LIEBHERR

CONSTRUCTION EQUIPMENT



102383 - Swing Drive

Sample No: LH0250717

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0250717	LH0186310	---	---
Sample Date	20 Sep 2023	17 Oct 2021	---	---
Machine Hours	4142	2934	---	---
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
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OIL CONDITION

Visc @ 40°C	cSt	182	164	---	---
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CONTAMINATION

Silicon	ppm	1	2	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	128	199	---	---
Copper	ppm	116	100	---	---
Lead	ppm	3	3	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	27	50	---	---
Magnesium	ppm	7	23	---	---
Zinc	ppm	26	26	---	---
Phosphorus	ppm	2263	2030	---	---
Barium	ppm	2	6	---	---
Boron	ppm	14	34	---	---

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 oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: AMEHAM
Unique No: 5656367
Signed: Wes Davis
Report Date: 06 Oct 2023



GRAPHS

