

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 41193 - Swing Drive

Sample No: LH0278387

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0278387	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	14876	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

American Iron and Metal

131 Toombs St

Moncton, NB

CA E1A 3A5

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 81.5	---	---	---
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T:

F:



CONTAMINATION

Water	%	● 0.136	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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. The water content is negligible. 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.



WEAR METALS

Iron	ppm	● 17	---	---	---
Copper	ppm	● 118	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2518	---	---	---
Magnesium	ppm	● 9	---	---	---
Zinc	ppm	685	---	---	---
Phosphorus	ppm	810	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	3	---	---	---

Depot: AME131MON

Unique No: 5683297

Signed: Kevin Marson

Report Date: 24 Nov 2023



GRAPHS

