

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 055788-1866 - Right Final Drive

Sample No: LH0265653

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0265653	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

American Iron and Metal
 997 CARPIN BEACH RD
 SAULT ST MARIE, ON
 CA P6A 6K4
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 126	---	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	● 66	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 6	---	---	---

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.



WEAR METALS

Iron	ppm	● 101	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 15	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 24	---	---	---
Magnesium	ppm	● 6	---	---	---
Zinc	ppm	● 17	---	---	---
Phosphorus	ppm	● 1202	---	---	---
Barium	ppm	● 3	---	---	---
Boron	ppm	● 163	---	---	---

Depot: AIMS AU
Unique No: 5643976
Signed: Wes Davis
Report Date: 15 Sep 2023



GRAPHS

