

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 055435-1866 - Left Final Drive

Sample No: LH0252143

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0252143	LH0256977	---	---
Sample Date	27 Nov 2023	27 Mar 2023	---	---
Machine Hours	2001	1015	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

CLOUTIER VENTURES LTD.
 59 MATTHEWS STREET, R.R. # 5
 PEMBROKE, ON
 CA K8A 0A6
 Contact: Travis Bennett
 tbennett@clouthierconst.com
 T: (613)735-6531
 F: (613)735-2769



OIL CONDITION

Visc @ 40°C	cSt	97.9	106	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	4	---	---
Sodium	ppm	3	1	---	---
Potassium	ppm	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	37	20	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	8	10	---	---
Magnesium	ppm	1	1	---	---
Zinc	ppm	11	10	---	---
Phosphorus	ppm	1268	1318	---	---
Barium	ppm	1	<1	---	---
Boron	ppm	293	268	---	---

Depot: CLOPEM
 Unique No: 5684976
 Signed: Wes Davis
 Report Date: 30 Nov 2023



GRAPHS

