

LIEBHERR

CONSTRUCTION EQUIPMENT



24016 - Rear Differential

Sample No: LH0104262

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0104262	LH0234747	---	---
Sample Date	10 Oct 2023	27 Jul 2022	---	---
Machine Hours	20995	19901	---	---
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	99.1	98.0	---	---
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CONTAMINATION

Silicon	ppm	1	1	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	0	<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	18	16	---	---
Copper	ppm	10	9	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
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	7	6	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	12	10	---	---
Phosphorus	ppm	1246	1210	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	304	315	---	---

Depot: AMEHAM
Unique No: 5658045
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

