

LIEBHERR

CONSTRUCTION EQUIPMENT



24016 - Front Differential

Sample No: LH0225795

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0225795	LH0234746	---	---
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	101	101	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	3	3	---	---
Copper	ppm	18	15	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	8	8	---	---
Magnesium	ppm	1	1	---	---
Zinc	ppm	14	12	---	---
Phosphorus	ppm	1221	1211	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	318	317	---	---

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.

Depot: AMEHAM
Unique No: 5658049
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

