

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 147037-1217 - Rear Differential

Sample No: LH0131743

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



STELLA JONES INC
 25 BRAID ST
 NEW WESTMINSTER, BC
 CA V3L 3P2
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SAMPLE INFORMATION

Sample Number	LH0131743	LH0271327	---	---
Sample Date	03 Feb 2024	31 Oct 2023	---	---
Machine Hours	2037	1062	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	99.2	104	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	3	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

Iron	ppm	19	12	---	---
Copper	ppm	6	7	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	11	11	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	10	10	---	---
Phosphorus	ppm	1254	1269	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	312	313	---	---

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: STE25NEW
 Unique No: 5722892
 Signed: Wes Davis
 Report Date: 06 Feb 2024



GRAPHS

