



[INTERNAL] LIEBHERR LH50 110457 - Rear Differential

Sample No: LH0246714

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



LIEBHERR CANADA
 10 LYNDS AVENUE
 MONCTON, NB
 CA E1H 3K2
 Contact: Bryan Wood
 bryan.wood@liebherr.com
 T:
 F: (506)854-2940



Information sur l'échantillon

Numéro d'échant.	LH0246714	---	---	---
Date d'échant.	10 Feb 2023	---	---	---
Heures de la Machine	7700	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	NORMAL	---	---	---



État d'huile

Visc 40°C	cSt	174	---	---	---
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Contamination

Eau	%	NEG	---	---	---
Silicium	ppm	1	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	<1	---	---	---



Métaux d'usure

Fer	ppm	12	---	---	---
Cuivre	ppm	2	---	---	---
Plomb	ppm	0	---	---	---
Étain	ppm	<1	---	---	---
Aluminium	ppm	<1	---	---	---
Chrome	ppm	0	---	---	---
Molybdène	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additifs

Calcium	ppm	8	---	---	---
Magnésium	ppm	<1	---	---	---
Zinc	ppm	4	---	---	---
Phosphore	ppm	2445	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	1	---	---	---

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEMON
 Unique No: 5542520
 Signed: Wes Davis
 Report Date: 16 Mar 2023



Graphs

