

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Rear Differential

Sample No: LH0270374

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270374	LH0247089	LH0239515	---
Date d'échant.	14 Jul 2023	30 Nov 2022	05 Aug 2022	---
Heures de la Machine	6154	5112	4034	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	---

THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith



ÉTAT D'HUILE

Visc 40°C	cSt	171	163	95.6	---
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T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Silicium	ppm	3	6	8	---
Sodium	ppm	1	2	1	---
Potassium	ppm	<1	<1	<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.



MÉTAUX D'USURE

PQ		---	---	504	---
Fer	ppm	86	251	1105	---
Cuivre	ppm	33	71	89	---
Plomb	ppm	<1	2	2	---
Étain	ppm	<1	4	2	---
Aluminium	ppm	<1	3	2	---
Chrome	ppm	<1	1	6	---
Molybdène	ppm	2	2	12	---
Nickel	ppm	0	0	0	---
Titane	ppm	0	0	<1	---
Argent	ppm	0	0	0	---
Manganèse	ppm	1	4	11	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	109	375	2767	---
Magnésium	ppm	5	7	29	---
Zinc	ppm	67	184	989	---
Phosphore	ppm	2330	2296	1065	---
Baryum	ppm	<1	<1	<1	---
Bore	ppm	6	5	33	---

Depot: CAVASH
Unique No: 5618865
Signed: Wes Davis
Report Date: 02 Aug 2023



GRAPHS

