

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Front Left Wheel Hub

Sample No: LH0237736

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0237736	LH0270372	LH0247087	---
Date d'échant.	13 Oct 2023	14 Jul 2023	30 Nov 2022	---
Heures de la Machine	7226	6154	5112	---
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	192	171	● 166	---
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T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Silicium	ppm	● 2	● 4	● 7	---
Sodium	ppm	● 2	● <1	● 3	---
Potassium	ppm	● 0	● 0	● 0	---

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		---	---	● 176	---
Fer	ppm	● 449	● 336	● 697	---
Cuivre	ppm	64	65	● 115	---
Plomb	ppm	● 2	● 2	● 2	---
Étain	ppm	<1	<1	3	---
Aluminium	ppm	● 1	● <1	● 2	---
Chrome	ppm	● 3	● 3	● 3	---
Molybdène	ppm	● 7	● 16	● 14	---
Nickel	ppm	● <1	● 0	● <1	---
Titane	ppm	0	0	0	---
Argent	ppm	<1	<1	0	---
Manganèse	ppm	● 4	● 3	● 8	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	30	● 49	427	---
Magnésium	ppm	● 2	● 2	● 4	---
Zinc	ppm	● 46	● 71	211	---
Phosphore	ppm	2201	● 1909	● 2345	---
Baryum	ppm	● <1	● <1	● 0	---
Bore	ppm	3	● 6	● 5	---

Depot: CAVASH
Unique No: 5658444
Signed: Kevin Marson
Report Date: 16 Oct 2023



GRAPHS

