

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 053602-1484 - Front Differential

Sample No: LH0270375

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270375	LH0247090	LH0239508	---
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	ABNORMAL	ABNORMAL	---

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



#### ÉTAT D'HUILE

Visc 40°C	cSt	177	166	96.3	---
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T: (613)257-4995  
F: (613)253-0071



#### CONTAMINATION

Silicium	ppm	4	6	10	---
Sodium	ppm	1	2	2	---
Potassium	ppm	<1	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

Fer	ppm	471	674	575	---
Cuivre	ppm	71	113	85	---
Plomb	ppm	2	2	2	---
Étain	ppm	<1	3	2	---
Aluminium	ppm	<1	1	4	---
Chrome	ppm	3	3	4	---
Molybdène	ppm	18	14	6	---
Nickel	ppm	<1	<1	<1	---
Titane	ppm	0	0	<1	---
Argent	ppm	0	0	0	---
Manganèse	ppm	5	8	10	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	62	421	2941	---
Magnésium	ppm	2	4	31	---
Zinc	ppm	74	209	1162	---
Phosphore	ppm	2007	2321	1142	---
Baryum	ppm	<1	0	2	---
Bore	ppm	6	6	33	---

Depot: CAVASH  
Unique No: 5618866  
Signed: Wes Davis  
Report Date: 02 Aug 2023



### GRAPHS

