

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 053602-1484 - Front Left Wheel Hub

Sample No: LH0270372

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

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#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270372	LH0247087	---	---
Date d'échant.	14 Jul 2023	30 Nov 2022	---	---
Heures de la Machine	6154	5112	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	ABNORMAL	---	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	171	● 166	---	---
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#### CONTAMINATION

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



#### MÉTAUX D'USURE

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



#### ADDITIFS

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

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the 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: CAVASH  
Unique No: 5618863  
Signed: Kevin Marson  
Report Date: 03 Aug 2023



### GRAPHS

