

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(365442)] 136520-1215 - Front Left Wheel Hub

Sample No: LH0274668

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274668	LH0224562	LH0230818	---
Date d'échant.	10 Aug 2023	14 Nov 2022	08 Jun 2022	---
Heures de la Machine	2050	4575	522	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	ABNORMAL	ABNORMAL	NORMAL	---

**American Iron and Metal**  
706 Lorne Avenue E  
Stratford, ON  
CA N5A 6S5  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	103	118	153	---
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T:  
F:



#### CONTAMINATION

Silicium	ppm	4	7	23	---
Sodium	ppm	4	5	5	---
Potassium	ppm	1	<1	2	---

#### Diagnostic

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Copper and lead ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



#### MÉTAUX D'USURE

Fer	ppm	53	34	68	---
Cuivre	ppm	223	62	51	---
Plomb	ppm	6	1	1	---
Étain	ppm	0	<1	<1	---
Aluminium	ppm	7	2	4	---
Chrome	ppm	<1	0	<1	---
Molybdène	ppm	1	2	5	---
Nickel	ppm	0	<1	0	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	<1	---
Manganèse	ppm	5	3	4	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	50	78	179	---
Magnésium	ppm	1	2	2	---
Zinc	ppm	87	72	96	---
Phosphore	ppm	1033	1323	1443	---
Baryum	ppm	<1	0	1	---
Bore	ppm	89	163	4	---

Depot: AIMSTR  
Unique No: 5620831  
Signed: Kevin Marson  
Report Date: 14 Aug 2023



### GRAPHS

