

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A924C064062-1049 - Front Left Wheel Hub

Sample No: LH0261032

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**MARCEL DUVAL FER ET METAUX INC.**  
 661 RANG STE-MARIE  
 ST. SEBASTIEN, QC  
 CA J0J 2C0  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0261032	LH0177712	---	---
Sample Date	14 Jun 2023	08 Jan 2021	---	---
Machine Hours	13298	10412	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	97.8	101	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	4	4	---	---
Sodium	ppm	8	8	---	---
Potassium	ppm	<1	<1	---	---

#### Diagnosis

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. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	96	49	---	---
Copper	ppm	15	11	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	331	325	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	152	146	---	---
Phosphorus	ppm	1398	1338	---	---
Barium	ppm	1	<1	---	---
Boron	ppm	188	214	---	---

Depot: MARSTS  
 Unique No: 5604411  
 Signed: Kevin Marson  
 Report Date: 29 Jun 2023



### GRAPHS

