



# CONSTRUCTION EQUIPMENT

## E15335 PONSSE A130490W - FRONT DIFFERENTIAL



**Sample No:** VCP405977  
**Oil Type:** PETRO CANADA TRAXON SYNTHETIC 75W90  
**Job No:** E15335



### SAMPLE INFORMATION

Sample Number	<b>VCP405977</b>	VCP416688	VCP389021	---
Sample Date	<b>10 May 2024</b>	10 May 2023	17 Feb 2023	---
Machine Hours	<b>5953</b>	1423	252	---
Oil Hours	<b>0</b>	0	252	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**JON LOZIER**  
 14 SUNNYFIELD DRIVE  
 FORT KENT, ME  
 US 04743  
 Contact: JON LOZIER



### OIL CONDITION

Visc @ 40°C	cSt	<b>96.8</b>	99.0	143	---
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T: (207)436-0366  
 F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>&lt;1</b>	2	8	---
Sodium	ppm	<b>0</b>	0	2	---
Potassium	ppm	<b>0</b>	1	0	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>54</b>	39	95	---
Copper	ppm	<b>30</b>	27	95	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	1	4	---
Aluminum	ppm	<b>0</b>	0	1	---
Chromium	ppm	<b>0</b>	<1	1	---
Molybdenum	ppm	<b>0</b>	<1	1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	7	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>6</b>	13	74	---
Magnesium	ppm	<b>&lt;1</b>	41	795	---
Zinc	ppm	<b>12</b>	23	60	---
Phosphorus	ppm	<b>1280</b>	1147	1248	---
Barium	ppm	<b>0</b>	<1	0	---
Boron	ppm	<b>395</b>	325	522	---

**Depot:** JONFORME  
**Unique No:** 11031750  
**Signed:** Wes Davis  
**Report Date:** 16 May 2024



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## GRAPHS

