



# CONSTRUCTION EQUIPMENT

SPM566097 RIVER DOCK KAWASAKI 115ZV-2 11C5-5118 - FRONT DIFFERENTIAL



**Sample No:** VCP423124  
**Oil Type:** TDTO FLUID SAE 30  
**Job No:** SPM566097 RIVER DOCK



## SAMPLE INFORMATION

Sample Number	VCP423124	VCP317333	---	---
Sample Date	13 Jul 2023	20 Jul 2021	---	---
Machine Hours	12921	12170	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	179	168	---	---
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## CONTAMINATION

Silicon	ppm	64	38	---	---
Sodium	ppm	53	3	---	---
Potassium	ppm	0	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	857	1106	---	---
Copper	ppm	9	24	---	---
Lead	ppm	0	1	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	6	5	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	3	2	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	7	8	---	---
Vanadium	ppm	0	<1	---	---



## ADDITIVES

Calcium	ppm	10000	5557	---	---
Magnesium	ppm	44	27	---	---
Zinc	ppm	4215	2402	---	---
Phosphorus	ppm	3552	2140	---	---
Barium	ppm	0	0	---	---
Boron	ppm	278	131	---	---

**Depot:** VOLVO8885  
**Unique No:** 10574652  
**Signed:** Don Baldrige  
**Report Date:** 28 Jul 2023



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## GRAPHS

