



CONSTRUCTION EQUIPMENT

SPM566097 RIVER DOCK KAWASAKI 115ZV-2 11C5-5118 - TRANSMISSION



Sample No: VCP422839
Oil Type: TDTO FLUID SAE 30
Job No: SPM566097 RIVER DOCK



SAMPLE INFORMATION

Sample Number	VCP422839	VCP05328808	---	---
Sample Date	13 Jul 2023	20 Jul 2021	---	---
Machine Hours	12921	12170	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	ABNORMAL	---	---

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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 F:



OIL CONDITION

Visc @ 40°C	cSt	55.4	■ 44.1	---	---
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CONTAMINATION

Silicon	ppm	■ 8	■ 6	---	---
Sodium	ppm	■ <1	■ 3	---	---
Potassium	ppm	■ 0	■ 0	---	---



WEAR METALS

Iron	ppm	■ 21	■ 20	---	---
Copper	ppm	● 588	■ 45	---	---
Lead	ppm	■ 8	■ <1	---	---
Tin	ppm	■ <1	■ <1	---	---
Aluminum	ppm	■ 2	■ 1	---	---
Chromium	ppm	■ <1	■ 0	---	---
Molybdenum	ppm	■ 4	■ 2	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 2	■ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 2695	■ 737	---	---
Magnesium	ppm	■ 162	■ 919	---	---
Zinc	ppm	■ 1112	■ 1162	---	---
Phosphorus	ppm	■ 923	■ 1026	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 13	■ 15	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO8885
Unique No: 10574709
Signed: Don Baldrige
Report Date: 28 Jul 2023



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GRAPHS

