



CONSTRUCTION EQUIPMENT

SWA390453 RENTAL KAWASAKI 115ZV-2 11C5-5220 - REAR AXLE



Sample No: VCP440594
Oil Type: SAE 50W
Job No: SWA390453 RENTAL



SAMPLE INFORMATION

Sample Number	VCP440594	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	8138	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 173	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 125	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	◆ 3892	---	---	---
Copper	ppm	█ 23	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	▲ 11	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 47	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 5467	---	---	---
Magnesium	ppm	█ 25	---	---	---
Zinc	ppm	█ 2628	---	---	---
Phosphorus	ppm	█ 2037	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 128	---	---	---

Depot: VOLVO8885
Unique No: 10709614
Signed: Sean Felton
Report Date: 25 Oct 2023



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VOLVO GRAPHS

