



CONSTRUCTION EQUIPMENT

SPM580933 AMG KAWASAKI 90ZV 90C4-5040 - REAR AXLE



Sample No: VCP417644
Oil Type: TDTO FLUID SAE 50
Job No: SPM580933 AMG



SAMPLE INFORMATION

Sample Number	VCP417644	---	---	---
Sample Date	26 Jul 2023	---	---	---
Machine Hours	15356	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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	█ 195	---	---	---
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CONTAMINATION

Water	%	▲ 0.241	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 63	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 12	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	4	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 2744	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 1066	---	---	---
Phosphorus	ppm	█ 789	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 16	---	---	---

Depot: VOLVO8885
Unique No: 10586814
Signed: Don Baldrige
Report Date: 04 Aug 2023



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GRAPHS

