



CONSTRUCTION EQUIPMENT

SPM716242 RENTAL VOLVO A45G 352584 - BOGIE/CENTER AXLE



Sample No: VCP452717
Oil Type: GEAR OIL SAE 80W90
Job No: SPM716242 RENTAL



SAMPLE INFORMATION

Sample Number	VCP452717	VCP339424	VCP345358	---
Sample Date	16 May 2024	28 Jan 2022	08 Nov 2021	---
Machine Hours	7880	1998	1513	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ATTENTION	NORMAL	ABNORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
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F:



OIL CONDITION

Visc @ 40°C	cSt	95.4	52.3	54.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	3	4	---
Sodium	ppm	1	<1	3	---
Potassium	ppm	2	3	2	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	125	194	251	---
Copper	ppm	<1	2	2	---
Lead	ppm	0	<1	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	1	2	3	---
Molybdenum	ppm	<1	5	10	---
Nickel	ppm	<1	1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	8	11	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	76	155	138	---
Magnesium	ppm	2	3	2	---
Zinc	ppm	50	74	63	---
Phosphorus	ppm	460	2624	2378	---
Barium	ppm	<1	0	0	---
Boron	ppm	5	228	249	---

Depot: VOLVO8885
Unique No: 11057876
Signed: Don Baldrige
Report Date: 01 Jun 2024



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GRAPHS

