



CONSTRUCTION EQUIPMENT

SPM716242 RENTAL VOLVO A45G 352584 - REAR AXLE



Sample No: VCP452716
Oil Type: GEAR OIL SAE 80W90
Job No: SPM716242 RENTAL



SAMPLE INFORMATION

Sample Number	VCP452716	VCP339425	VCP345360	---
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	ABNORMAL	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	98.5	53.7	53.6	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	2	3	---
Sodium	ppm	<1	<1	2	---
Potassium	ppm	2	5	5	---



WEAR METALS

Iron	ppm	41	199	212	---
Copper	ppm	<1	1	1	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	<1	10	11	---
Nickel	ppm	0	1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	7	8	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	122	72	61	---
Magnesium	ppm	3	2	2	---
Zinc	ppm	60	33	29	---
Phosphorus	ppm	477	2567	2377	---
Barium	ppm	0	0	0	---
Boron	ppm	3	248	268	---

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.

Depot: VOLVO8885
Unique No: 11057879
Signed: Don Baldrige
Report Date: 01 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

