



CONSTRUCTION EQUIPMENT

SW0218103 VOLVO A40G 341404 - BOGIE/CENTER AXLE



Sample No: VCP226023
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: SW0218103



SAMPLE INFORMATION

Sample Number	VCP226023	VCP230984	VCE251950	---
Sample Date	28 Jan 2019	09 Aug 2018	05 Jun 2017	---
Machine Hours	4180	4020	2187	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	51.98	52.3	52.42	---
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CONTAMINATION

Silicon	ppm	1	2	1	---
Sodium	ppm	2	3	2	---
Potassium	ppm	0	1	0	---



WEAR METALS

Iron	ppm	45	66	26	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	10	13	6	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	10	11	7	---
Phosphorus	ppm	2306	2078	2309	---
Barium	ppm	0	0	0	---
Boron	ppm	284	282	265	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

Depot: VOLVO2990
Unique No: 8477870
Signed: Jonathan Hester
Report Date: 01 Feb 2019



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GRAPHS

