



# CONSTRUCTION EQUIPMENT

## A10956 VOLVO A40G 352005 - REAR AXLE



**Sample No:** VCP412036  
**Oil Type:** MOBIL GO 102  
**Job No:** A10956



### SAMPLE INFORMATION

Sample Number	<b>VCP412036</b>	VCP390864	VCB0000045	VCB0000038
Sample Date	<b>29 Aug 2023</b>	28 Nov 2022	23 Feb 2022	01 Apr 2021
Machine Hours	<b>3205</b>	2725	2080	1495
Oil Hours	<b>2205</b>	0	1000	495
Oil Changed	<b>Not Chngd</b>	Not Chngd	Oil Added	Not Chngd
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

**DYER QUARRY**  
P.O. BOX 188, 1275 ROCK HOLLOW ROAD  
BIRDSBORO, PA  
US 19508  
Contact: MATT MCCLELLAND  
matt.mcclelland@dyerquarry.com  
T:  
F: (610)582-2304



### OIL CONDITION

Visc @ 40°C	cSt	<b>50.8</b>	50.6	50.3	50.9
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### CONTAMINATION

Silicon	ppm	<b>2</b>	3	2	<1
Sodium	ppm	<b>3</b>	4	3	3
Potassium	ppm	<b>2</b>	<1	1	0



### WEAR METALS

Iron	ppm	<b>58</b>	66	91	66
Copper	ppm	<b>&lt;1</b>	1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	0
Chromium	ppm	<b>&lt;1</b>	1	2	1
Molybdenum	ppm	<b>&lt;1</b>	1	2	1
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	3	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>13</b>	60	13	11
Magnesium	ppm	<b>0</b>	2	0	0
Zinc	ppm	<b>0</b>	22	2	5
Phosphorus	ppm	<b>2419</b>	2714	2572	2526
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>304</b>	306	292	295

**Diagnosis**  
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** DYEBIR  
**Unique No:** 10648977  
**Signed:** Sean Felton  
**Report Date:** 19 Sep 2023



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## GRAPHS

