



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 342523 - REAR AXLE



**Sample No:** VCP0008008

**Oil Type:** TDTO FLUID SAE 50

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0008008</b>	VCP419039	VCP297920	VCP301386
Sample Date	<b>02 Aug 2023</b>	18 Jul 2023	16 Aug 2021	22 Dec 2020
Machine Hours	<b>0</b>	6542	4102	3197
Oil Hours	<b>0</b>	0	1500	1000
Oil Changed	<b>N/A</b>	N/A	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	ATTENTION	NORMAL	NORMAL

**QGS - QUALITY GRASSES SERV/TCF LEASING**  
 17502 CR 672  
 LITHIA, FL  
 US 33547  
 Contact: GARY ROGERS  
 grogers@qgsdevelopment.com  
 T: (813)323-4119  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>173</b>	174	272	270
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### CONTAMINATION

Silicon	ppm	<b>13</b>	13	2	2
Sodium	ppm	<b>&lt;1</b>	0	0	1
Potassium	ppm	<b>&lt;1</b>	2	0	0

### Diagnosis

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 condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>7</b>	6	69	47
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	1	0	0
Chromium	ppm	<b>0</b>	0	1	<1
Molybdenum	ppm	<b>2</b>	3	<1	1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>&lt;1</b>	<1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3169</b>	3404	152	150
Magnesium	ppm	<b>22</b>	23	4	3
Zinc	ppm	<b>1151</b>	1240	69	65
Phosphorus	ppm	<b>985</b>	1033	952	940
Barium	ppm	<b>0</b>	2	0	0
Boron	ppm	<b>28</b>	24	161	175

**Depot:** QUALITFL  
**Unique No:** 10588332  
**Signed:** Jonathan Hester  
**Report Date:** 07 Aug 2023



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## GRAPHS

