



# CONSTRUCTION EQUIPMENT

## 10732 VOLVO A40G 341662 - FRONT AXLE



**Sample No:** VCP416445  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 10732



### SAMPLE INFORMATION

Sample Number	<b>VCP416445</b>	VCP384283	VCP278578	---
Sample Date	<b>12 Jul 2023</b>	09 Nov 2022	09 Aug 2021	---
Machine Hours	<b>7012</b>	6440	5380	---
Oil Hours	<b>0</b>	2000	1000	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	ATTENTION	ATTENTION	---

**K C CONSTRUCTION**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>49.2</b>	50.0	49.76	---
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### CONTAMINATION

Silicon	ppm	<b>6</b>	9	4	---
Sodium	ppm	<b>1</b>	4	3	---
Potassium	ppm	<b>2</b>	0	<1	---

### Diagnosis



### WEAR METALS

Iron	ppm	<b>271</b>	779	142	---
Copper	ppm	<b>3</b>	4	3	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	3	0	---
Chromium	ppm	<b>3</b>	11	1	---
Molybdenum	ppm	<b>4</b>	14	2	---
Nickel	ppm	<b>1</b>	3	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>6</b>	16	4	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>400</b>	385	424	---
Magnesium	ppm	<b>0</b>	4	3	---
Zinc	ppm	<b>132</b>	152	157	---
Phosphorus	ppm	<b>2030</b>	1976	2092	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>205</b>	205	239	---

**Depot:** KCCIVY  
**Unique No:** 10561641  
**Signed:** Jonathan Hester  
**Report Date:** 20 Jul 2023



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## GRAPHS

