



# CONSTRUCTION EQUIPMENT

## VOLVO A40G VR205 - FRONT AXLE



**Sample No:** WC0306909

**Oil Type:** VOLVO 75W80

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>WC0306909</b>	---	---	---
Sample Date	<b>18 Feb 2020</b>	---	---	---
Machine Hours	<b>6464</b>	---	---	---
Oil Hours	<b>0</b>	---	---	---
Oil Changed	<b>Not Chngd</b>	---	---	---
Sample Status	<b>NORMAL</b>	---	---	---

### STRONGCO EQUIPMENT

655 MOUNTDALE AVENUE  
THUNDER BAY, ON  
CA P7E 6E5  
Contact: Jean-Luc Antier  
jantier@strongco.com  
T: (807)475-3052  
F: (807)473-0921



### OIL CONDITION

Visc @ 40°C	cSt	<b>136</b>	---	---	---
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	<b>0.019</b>	---	---	---
Silicon	ppm	<b>8</b>	---	---	---
Sodium	ppm	<b>&lt;1</b>	---	---	---
Potassium	ppm	<b>1</b>	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>425</b>	---	---	---
Copper	ppm	<b>2</b>	---	---	---
Lead	ppm	<b>0</b>	---	---	---
Tin	ppm	<b>0</b>	---	---	---
Aluminum	ppm	<b>2</b>	---	---	---
Chromium	ppm	<b>7</b>	---	---	---
Molybdenum	ppm	<b>8</b>	---	---	---
Nickel	ppm	<b>2</b>	---	---	---
Titanium	ppm	<b>&lt;1</b>	---	---	---
Silver	ppm	<b>0</b>	---	---	---
Manganese	ppm	<b>14</b>	---	---	---
Vanadium	ppm	<b>&lt;1</b>	---	---	---



### ADDITIVES

Calcium	ppm	<b>14</b>	---	---	---
Magnesium	ppm	<b>&lt;1</b>	---	---	---
Zinc	ppm	<b>18</b>	---	---	---
Phosphorus	ppm	<b>1134</b>	---	---	---
Barium	ppm	<b>0</b>	---	---	---
Boron	ppm	<b>188</b>	---	---	---

**Depot:** CHATHU  
**Unique No:** 5006796  
**Signed:** Wes Davis  
**Report Date:** 24 Feb 2020



# CONSTRUCTION EQUIPMENT



## GRAPHS

