



CONSTRUCTION EQUIPMENT

CBM 369835 VOLVO A40G 353281 - BOGIE/CENTER AXLE



Sample No: VCP392237
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 369835



SAMPLE INFORMATION

Sample Number	VCP392237	---	---	---
Sample Date	23 Jun 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment

5179 Fountain St N.
Breslau, ON
CA N0B 1M0
Contact: Nick Sanders
nsanders@strongco.com
T: (519)744-3518
F: (519)744-3284



OIL CONDITION

Visc @ 40°C	cSt	50.5	---	---	---
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CONTAMINATION

Silicon	ppm	4	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	5	---	---	---



WEAR METALS

Iron	ppm	246	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	9	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	22	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	2469	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	250	---	---	---

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. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: CASKIT
Unique No: 5604133
Signed: Kevin Marson
Report Date: 29 Jun 2023



CONSTRUCTION EQUIPMENT



GRAPHS

