



CONSTRUCTION EQUIPMENT

371606 VOLVO A40G 342484 - BOGIE/CENTER AXLE



Sample No: VCP382323
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 371606



SAMPLE INFORMATION

Sample Number	VCP382323	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	9448	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	76.3	---	---	---
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CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	92	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	18	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	457	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	17	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908

Unique No: 5620475

Signed: Wes Davis

Report Date: 11 Aug 2023



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GRAPHS

