



CONSTRUCTION EQUIPMENT

ST MARYS 374470 VOLVO A40G 353338 - MIDDLE AXLE



Sample No: VCP394633
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 374470



SAMPLE INFORMATION

Sample Number	VCP394633	---	---	---
Sample Date	16 Aug 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: Villamor Pingol
vpingol@strongco.com
T: (519)744-3518
F: (519)744-3284



OIL CONDITION

Visc @ 40°C	cSt	■ 51.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 9	---	---	---



WEAR METALS

Iron	ppm	■ 327	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 11	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	2489	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 248	---	---	---

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: CASKIT
Unique No: 5629968
Signed: Kevin Marson
Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

