



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY/500 HOUR CSA 24585

VOLVO A40G 352924 - BOGIE/CENTER AXLE



Sample No: VCP439308
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24585



SAMPLE INFORMATION

Sample Number	VCP439308	VCP0006417	---	---
Sample Date	14 Dec 2023	30 Mar 2023	---	---
Machine Hours	2242	998	---	---
Oil Hours	0	998	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

TRIANGLE GRADING AND PAVING INC
 1521 Huffman Mill Rd
 BURLINGTON, NC
 US 27216
 Contact: KAREN HILLIARD
 khilliard@trianglegradingpaving.com
 T: (336)584-1745
 F: (336)584-0145



OIL CONDITION

Visc @ 40°C	cSt	48.0	49.8	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	3	---	---

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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	374	226	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	5	3	---	---
Molybdenum	ppm	8	8	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	14	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	96	31	---	---
Magnesium	ppm	<1	6	---	---
Zinc	ppm	34	7	---	---
Phosphorus	ppm	2377	2494	---	---
Barium	ppm	0	0	---	---
Boron	ppm	247	280	---	---

Depot: TRIBUR
Unique No: 10793450
Signed: Don Baldrige
Report Date: 20 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

