



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY/500 HOUR CSA 24585

VOLVO A40G 352924 - REAR AXLE



Sample No: VCP439310
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24585



SAMPLE INFORMATION

Sample Number	VCP439310	VCP0006418	---	---
Sample Date	14 Dec 2023	30 Mar 2023	---	---
Machine Hours	2242	998	---	---
Oil Hours	0	998	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	49.7	49.8	---	---
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CONTAMINATION

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

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	280	160	---	---
Copper	ppm	3	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	4	3	---	---
Molybdenum	ppm	13	11	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	17	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	79	22	---	---
Magnesium	ppm	<1	4	---	---
Zinc	ppm	27	2	---	---
Phosphorus	ppm	2382	2497	---	---
Barium	ppm	0	0	---	---
Boron	ppm	270	292	---	---

Depot: TRIBUR
Unique No: 10793448
Signed: Don Baldrige
Report Date: 20 Dec 2023



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GRAPHS

