



CONSTRUCTION EQUIPMENT

D13293 VOLVO A40G 342560 - BOGIE/CENTER AXLE



Sample No: VCP407317
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: D13293



SAMPLE INFORMATION

Sample Number	VCP407317	---	---	---
Sample Date	31 Jan 2024	---	---	---
Machine Hours	6117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
 BUTLER, WI
 US 53007
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OIL CONDITION

Visc @ 40°C	cSt	█ 120	---	---	---
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CONTAMINATION

Water	%	█ 0.053	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

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



WEAR METALS

Iron	ppm	█ 352	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 108	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 67	---	---	---
Phosphorus	ppm	█ 406	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 17	---	---	---

Depot: VOLVO0069
Unique No: 10872529
Signed: Don Baldrige
Report Date: 12 Feb 2024



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GRAPHS

