



CONSTRUCTION EQUIPMENT

D13105 VOLVO A40G 342238 - REAR AXLE



Sample No: VCP440568
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: D13105



SAMPLE INFORMATION

Sample Number	VCP440568	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	8747	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
 BUTLER, WI
 US 53007
 Contact: GLENN OTTENBACHER
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 T: (262)282-0715
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OIL CONDITION

Visc @ 40°C	cSt	█ 52.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 62	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 2268	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 282	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0069
Unique No: 10807052
Signed: Don Baldrige
Report Date: 28 Dec 2023



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GRAPHS

