



CONSTRUCTION EQUIPMENT

D13105 VOLVO A40G 342238 - DROP BOX



Sample No: VCP440567
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: D13105



SAMPLE INFORMATION

Sample Number	VCP440567	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	8747	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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	█ 242	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 8	---	---	---



WEAR METALS

Iron	ppm	● 1064	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 17	---	---	---
Molybdenum	ppm	█ 30	---	---	---
Nickel	ppm	█ 10	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 269	---	---	---
Magnesium	ppm	█ 41	---	---	---
Zinc	ppm	█ 192	---	---	---
Phosphorus	ppm	█ 993	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 114	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0069
Unique No: 10807053
Signed: Jonathan Hester
Report Date: 29 Dec 2023



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GRAPHS

