



CONSTRUCTION EQUIPMENT

SWA359318-20 VOLVO A40G 352367 - DROP BOX



Sample No: VCP402829
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA359318-20



SAMPLE INFORMATION

Sample Number	VCP402829	VCP323434	---	---
Sample Date	26 Sep 2023	19 Jul 2021	---	---
Machine Hours	5430	2266	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	SEVERE	ABNORMAL	---	---

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 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	201	▲ 46.0	---	---
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CONTAMINATION

Silicon	ppm	26	▲ 60	---	---
Sodium	ppm	3	■ 9	---	---
Potassium	ppm	0	■ 4	---	---



WEAR METALS

Iron	ppm	3530	▲ 1214	---	---
Copper	ppm	19	■ 37	---	---
Lead	ppm	0	■ <1	---	---
Tin	ppm	<1	■ <1	---	---
Aluminum	ppm	10	■ 0	---	---
Chromium	ppm	42	■ 9	---	---
Molybdenum	ppm	38	■ 8	---	---
Nickel	ppm	33	■ 6	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	29	■ 15	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	151	■ 39	---	---
Magnesium	ppm	16	■ 4	---	---
Zinc	ppm	119	■ 82	---	---
Phosphorus	ppm	1152	1996	---	---
Barium	ppm	0	■ 0	---	---
Boron	ppm	78	■ 77	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. 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: VOLVO0090
Unique No: 10671445
Signed: Don Baldrige
Report Date: 01 Oct 2023



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GRAPHS

