



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - DROP BOX



Sample No: VCP450805
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP450805	VCP401368	VCP311412	---
Sample Date	18 Jun 2024	25 Oct 2023	30 Apr 2021	---
Machine Hours	8146	7451	2179	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	SEVERE	SEVERE	ABNORMAL	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	287	280	48.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	10	35	---
Sodium	ppm	<1	2	6	---
Potassium	ppm	0	0	1	---



WEAR METALS

Iron	ppm	▲ 1015	▲ 1060	161	---
Copper	ppm	5	5	6	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	11	12	2	---
Molybdenum	ppm	19	18	7	---
Nickel	ppm	6	8	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	11	12	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	72	74	46	---
Magnesium	ppm	19	32	9	---
Zinc	ppm	64	59	153	---
Phosphorus	ppm	947	930	2151	---
Barium	ppm	0	0	0	---
Boron	ppm	72	93	142	---

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: VOLVO0090
Unique No: 11099779
Signed: Angela Borella
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

