



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - DROP BOX



Sample No: VCP401368
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



VOLVO SAMPLE INFORMATION

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

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 F: (239)481-3302

VOLVO OIL CONDITION

Visc @ 40°C	cSt	■ 280	▲ 48.3	---	---
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VOLVO CONTAMINATION

Silicon	ppm	■ 10	■ 35	---	---
Sodium	ppm	■ 2	■ 6	---	---
Potassium	ppm	■ 0	■ 1	---	---

VOLVO WEAR METALS

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

VOLVO ADDITIVES

Calcium	ppm	■ 74	■ 46	---	---
Magnesium	ppm	■ 32	■ 9	---	---
Zinc	ppm	■ 59	■ 153	---	---
Phosphorus	ppm	■ 930	2151	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 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: 10715874
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

