



CONSTRUCTION EQUIPMENT

VOLVO A40G 352507 - DROP BOX



Sample No: VCP401242
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



VOLVO SAMPLE INFORMATION

Sample Number	VCP401242	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	4221	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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VOLVO OIL CONDITION

Visc @ 40°C	cSt	48.8	---	---	---
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VOLVO CONTAMINATION

Silicon	ppm	▲ 51	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis
 The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

VOLVO WEAR METALS

Iron	ppm	▲ 528	---	---	---
Copper	ppm	▲ 55	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 31	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 9	---	---	---
Vanadium	ppm	0	---	---	---

VOLVO ADDITIVES

Calcium	ppm	■ 49	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 135	---	---	---
Phosphorus	ppm	■ 2243	---	---	---
Barium	ppm	■ 10	---	---	---
Boron	ppm	■ 101	---	---	---

Depot: VOLVO0090
Unique No: 10709603
Signed: Sean Felton
Report Date: 25 Oct 2023



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GRAPHS

