



CONSTRUCTION EQUIPMENT

VOLVO A40G 353384 - DROP BOX



Sample No: VCP432153
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP432153	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	1237	---	---	---
Oil Hours	1237	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233

OIL CONDITION

Visc @ 40°C	cSt	▲ 49.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 49	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

Iron	ppm	■ 237	---	---	---
Copper	ppm	■ 8	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 69	---	---	---
Magnesium	ppm	■ < 1	---	---	---
Zinc	ppm	■ 109	---	---	---
Phosphorus	ppm	2095	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 120	---	---	---

Diagnosis
 Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 10727759
Signed: Don Baldrige
Report Date: 08 Nov 2023



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GRAPHS

