



CONSTRUCTION EQUIPMENT

SWA538928 PALM BEACH VOLVO A40G 353295 - FRONT AXLE



Sample No: VCP443775
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA538928 PALM BEACH



SAMPLE INFORMATION

Sample Number	VCP443775	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	3858	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

PALM BEACH AGGREGATES INC
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LOXAHATCHEE, FL
US 33470
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OIL CONDITION

Visc @ 40°C	cSt	● 51.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 6	---	---	---



WEAR METALS

Iron	ppm	■ 535	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 14	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 60	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	● 33	---	---	---
Phosphorus	ppm	● 2440	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 187	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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: PALLOX
Unique No: 10993503
Signed: Don Baldrige
Report Date: 25 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

