



CONSTRUCTION EQUIPMENT

SWA538928 PALM BEACH VOLVO A40G 353295 - DROP BOX



Sample No: VCP438868
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA538928 PALM BEACH



SAMPLE INFORMATION

Sample Number	VCP438868	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	3858	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	● 49.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 40	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 11	---	---	---



WEAR METALS

Iron	ppm	▲ 536	---	---	---
Copper	ppm	▲ 45	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 63	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 116	---	---	---
Phosphorus	ppm	● 2212	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 142	---	---	---

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. Bearing and/or gear wear is indicated. 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: 10993504
Signed: Don Baldrige
Report Date: 25 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

