



# CONSTRUCTION EQUIPMENT

X18243 APAC VOLVO A40G 352867 - DROP BOX



**Sample No:** VCP442317  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** X18243 APAC



**SCOTT EQUIPMENT COMPANY LLC - Jackson**  
 3860 I-55 South  
 JACKSON, MS  
 US 39212  
 Contact: DWIGHT MCDUGAL  
 DMCDUGAL@SCOTTCOMPANIES.COM  
 T:  
 F: (601)326-3359



## SAMPLE INFORMATION

Sample Number	VCP442317	VCE080151	---	---
Sample Date	14 Feb 2024	10 Oct 2022	---	---
Machine Hours	3985	1865	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ATTENTION	SEVERE	---	---



## OIL CONDITION

Visc @ 40°C	cSt	▲ 76.2	▲ 60.7	---	---
-------------	-----	--------	--------	-----	-----



## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 19	▲ 155	---	---
Sodium	ppm	■ <1	■ 9	---	---
Potassium	ppm	■ 2	■ 20	---	---



## WEAR METALS

Iron	ppm	■ 205	● 1595	---	---
Copper	ppm	■ 4	■ 12	---	---
Lead	ppm	■ 0	■ 2	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 6	▲ 14	---	---
Chromium	ppm	■ 3	■ 26	---	---
Molybdenum	ppm	■ 9	■ 60	---	---
Nickel	ppm	■ 1	■ 14	---	---
Titanium	ppm	<1	2	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 2	■ 15	---	---
Vanadium	ppm	<1	1	---	---



## ADDITIVES

Calcium	ppm	■ 2055	■ 511	---	---
Magnesium	ppm	■ 10	■ 78	---	---
Zinc	ppm	■ 808	■ 192	---	---
Phosphorus	ppm	■ 1075	■ 1866	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 39	■ 145	---	---

## 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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO8771  
**Unique No:** 10886166  
**Signed:** Don Baldrige  
**Report Date:** 21 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

