



# CONSTRUCTION EQUIPMENT

578354 T AND K VOLVO A45G 752152 - FRONT AXLE



**Sample No:** VCP443567  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 578354 T AND K



## SAMPLE INFORMATION

Sample Number	VCP443567	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	967	---	---	---
Oil Hours	967	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 104	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 5	---	---	---

## 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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 221	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 125	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 64	---	---	---
Phosphorus	ppm	1463	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 337	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11127038  
**Signed:** Sean Felton  
**Report Date:** 18 Jul 2024



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## GRAPHS

