



CONSTRUCTION EQUIPMENT

578354 T AND K VOLVO A45G 752152 - BOGIE/CENTER AXLE



Sample No: VCP439774
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 578354 T AND K



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP439774	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	967	---	---	---
Oil Hours	967	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 51.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 174	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 72	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 34	---	---	---
Phosphorus	ppm	2268	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 268	---	---	---

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.

Depot: VOLVO0093
Unique No: 11127033
Signed: Sean Felton
Report Date: 18 Jul 2024



CONSTRUCTION EQUIPMENT



GRAPHS

