



CONSTRUCTION EQUIPMENT

578360 T AND K VOLVO A45G 352823 - BOGIE/CENTER AXLE



Sample No: VCP443029
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 578360 T AND K



SAMPLE INFORMATION

Sample Number	VCP443029	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	4183	---	---	---
Oil Hours	3000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 51.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 6	---	---	---

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	█ 346	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 60	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 39	---	---	---
Phosphorus	ppm	2132	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 224	---	---	---

Depot: VOLVO0093
Unique No: 11127027
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

