



CONSTRUCTION EQUIPMENT

578354 T AND K VOLVO A45G 752152 - DROP BOX



Sample No: VCP443565
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 578354 T AND K



SAMPLE INFORMATION

Sample Number	VCP443565	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	967	---	---	---
Oil Hours	967	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 50.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 22	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 4	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 84	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 18	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 63	---	---	---
Phosphorus	ppm	2137	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 120	---	---	---

Depot: VOLVO0093
Unique No: 11127021
Signed: Sean Felton
Report Date: 18 Jul 2024



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GRAPHS

