



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752438 - BOGIE/CENTER AXLE



Sample No: VCP444733
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP444733	VCP382853	VCP388341	---
Sample Date	18 Jun 2024	22 Feb 2023	18 Oct 2022	---
Machine Hours	3330	1047	523	---
Oil Hours	0	500	500	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	197	226	94.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	5	---
Sodium	ppm	2	0	<1	---
Potassium	ppm	<1	2	0	---

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	138	92	225	---
Copper	ppm	18	11	20	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	1	<1	---
Chromium	ppm	2	1	5	---
Molybdenum	ppm	9	7	19	---
Nickel	ppm	<1	2	4	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	3	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	334	280	629	---
Magnesium	ppm	21	20	<1	---
Zinc	ppm	174	137	271	---
Phosphorus	ppm	1081	983	1321	---
Barium	ppm	<1	2	<1	---
Boron	ppm	164	164	236	---

Depot: VOLVO0093
Unique No: 11099840
Signed: Wes Davis
Report Date: 27 Jun 2024



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GRAPHS

