



CONSTRUCTION EQUIPMENT

621714 TUCKER VOLVO A25G 752447 - REAR AXLE



Sample No: VCP429925
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 621714 TUCKER



SAMPLE INFORMATION

Sample Number	VCP429925	VCP389363	---	---
Sample Date	31 Oct 2023	24 Oct 2022	---	---
Machine Hours	2238	504	---	---
Oil Hours	1500	500	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	235	▲ 90.3	---	---
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CONTAMINATION

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

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	96	200	---	---
Copper	ppm	13	18	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	6	▲ 17	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	9	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	194	▲ 870	---	---
Magnesium	ppm	6	3	---	---
Zinc	ppm	95	▲ 353	---	---
Phosphorus	ppm	1049	1298	---	---
Barium	ppm	<1	2	---	---
Boron	ppm	172	241	---	---

Depot: VOLVO0093
Unique No: 10765272
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

