



CONSTRUCTION EQUIPMENT

634846 RYAN GOLF VOLVO A45G 352377 - BOGIE/CENTER AXLE



Sample No: VCP429264
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 634846 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP429264	VCP345926	---	---
Sample Date	05 Dec 2023	04 Feb 2022	---	---
Machine Hours	4150	1992	---	---
Oil Hours	3150	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 194	█ 267	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 23	█ 3	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ 6	█ <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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 300	█ 141	---	---
Copper	ppm	█ 3	█ <1	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 4	█ 4	---	---
Chromium	ppm	█ 5	█ 2	---	---
Molybdenum	ppm	█ 4	6	---	---
Nickel	ppm	█ 1	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 12	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 2541	170	---	---
Magnesium	ppm	█ 21	24	---	---
Zinc	ppm	█ 1097	80	---	---
Phosphorus	ppm	█ 992	1134	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 65	201	---	---

Depot: VOLVO0093
Unique No: 10846432
Signed: Don Baldrige
Report Date: 26 Jan 2024



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GRAPHS

