



CONSTRUCTION EQUIPMENT

343269 RYAN GOLF VOLVO A45G 352339 - BOGIE/CENTER AXLE



Sample No: VCP412490
Oil Type: GEAR OIL SAE 85W140
Job No: 343269 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP412490	VCP333458	---	---
Sample Date	26 Aug 2023	26 Jan 2022	---	---
Machine Hours	3723	1726	---	---
Oil Hours	1723	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY
5151 DR MARTIN LUTHER KING BLVD
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OIL CONDITION

Visc @ 40°C	cSt	135	138	---	---
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CONTAMINATION

Silicon	ppm	4	55	---	---
Sodium	ppm	1	0	---	---
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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	142	179	---	---
Copper	ppm	<1	66	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	6	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	2	3	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	117	251	---	---
Magnesium	ppm	3	3	---	---
Zinc	ppm	54	110	---	---
Phosphorus	ppm	1074	1112	---	---
Barium	ppm	0	0	---	---
Boron	ppm	188	201	---	---

Depot: VOLVO0090
Unique No: 10629961
Signed: Don Baldrige
Report Date: 01 Sep 2023



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GRAPHS

