



CONSTRUCTION EQUIPMENT

593983 RYAN GOLF VOLVO A45G 342685 - REAR AXLE



Sample No: VCP416393
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 593983 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP416393	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	4733	---	---	---
Oil Hours	4733	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 299	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 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	█ 171	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	19	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 124	---	---	---
Magnesium	ppm	█ 25	---	---	---
Zinc	ppm	█ 67	---	---	---
Phosphorus	ppm	█ 982	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 185	---	---	---

Depot: VOLVO0093
Unique No: 10620318
Signed: Wes Davis
Report Date: 25 Aug 2023



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GRAPHS

