



CONSTRUCTION EQUIPMENT

RYAN GOLF VOLVO A45G 342678 - DIESEL ENGINE



Sample No: VCP432071
Oil Type: NOT GIVEN
Job No: RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP432071	---	---	---
Sample Date	07 Oct 2023	---	---	---
Machine Hours	4878	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	11.6	---	---	---
Base Number (BN)	mg KOH/g	8.8	---	---	---
Oxidation (PA)	%	65	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.5	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.2	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	14	---	---	---
Copper	ppm	32	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	51	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1533	---	---	---
Magnesium	ppm	626	---	---	---
Zinc	ppm	1012	---	---	---
Phosphorus	ppm	830	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	31	---	---	---

Depot: VOLVO0093
Unique No: 10776010
Signed: Jonathan Hester
Report Date: 14 Dec 2023



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GRAPHS

