



CONSTRUCTION EQUIPMENT

580049 RYAN GOLF VOLVO EC480EL 314822 - RIGHT SWING DRIVE



Sample No: VCP422086
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 580049 RYAN GOLF



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SAMPLE INFORMATION

Sample Number	VCP422086	VCP05706669	---	---
Sample Date	17 Jul 2023	05 Nov 2022	---	---
Machine Hours	2382	1035	---	---
Oil Hours	1000	1035	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	246	177	---	---
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CONTAMINATION

Silicon	ppm	12	20	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	94	181	---	---
Copper	ppm	16	20	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	1	3	---	---
Molybdenum	ppm	5	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	173	11	---	---
Magnesium	ppm	26	0	---	---
Zinc	ppm	103	28	---	---
Phosphorus	ppm	889	321	---	---
Barium	ppm	0	5	---	---
Boron	ppm	155	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.

Depot: VOLVO0093
Unique No: 10572466
Signed: Wes Davis
Report Date: 25 Jul 2023



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GRAPHS

