



CONSTRUCTION EQUIPMENT

579198 APTIM VOLVO A35G 340109 - DROP BOX



Sample No: VCP424461
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 579198 APTIM



SAMPLE INFORMATION

Sample Number	VCP424461	VCP423510	---	---
Sample Date	11 Jul 2023	16 Mar 2023	---	---
Machine Hours	8937	8480	---	---
Oil Hours	4000	3000	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	117	117	---	---
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CONTAMINATION

Silicon	ppm	8	9	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	0	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	57	51	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	8	10	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	8	8	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	101	104	---	---
Magnesium	ppm	18	22	---	---
Zinc	ppm	75	83	---	---
Phosphorus	ppm	1059	1122	---	---
Barium	ppm	0	0	---	---
Boron	ppm	236	237	---	---

Depot: VOLVO0093
Unique No: 10564868
Signed: Don Baldrige
Report Date: 24 Jul 2023



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GRAPHS

