



CONSTRUCTION EQUIPMENT

702884 APTIM VOLVO A30G 740273 - REAR AXLE



Sample No: VCP445508
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702884 APTIM



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SAMPLE INFORMATION

Sample Number	VCP445508	VCP414204	VCP364339	---
Sample Date	25 Apr 2024	22 Aug 2023	01 Sep 2022	---
Machine Hours	11987	11091	10152	---
Oil Hours	3000	4000	2000	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	ATTENTION	ATTENTION	ATTENTION	---



OIL CONDITION

Visc @ 40°C	cSt	53.5	51.6	52.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	4	5	---
Sodium	ppm	4	2	<1	---
Potassium	ppm	2	0	<1	---



WEAR METALS

Iron	ppm	478	318	251	---
Copper	ppm	88	76	63	---
Lead	ppm	0	<1	0	---
Tin	ppm	7	4	2	---
Aluminum	ppm	<1	2	1	---
Chromium	ppm	7	4	4	---
Molybdenum	ppm	4	2	1	---
Nickel	ppm	3	2	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	9	7	6	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	157	63	38	---
Magnesium	ppm	2	0	<1	---
Zinc	ppm	76	40	37	---
Phosphorus	ppm	2298	2152	2352	---
Barium	ppm	0	0	2	---
Boron	ppm	115	83	107	---

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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 11057895
Signed: Don Baldrige
Report Date: 01 Jun 2024



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GRAPHS

