



CONSTRUCTION EQUIPMENT

APTIM VOLVO A30G 740273 - BOGIE/CENTER AXLE



Sample No: VCP437085
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: APTIM



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP437085	VCP417082	VCP364494	---
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	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	58.2	59.7	60.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	23	10	---
Sodium	ppm	3	1	0	---
Potassium	ppm	2	0	2	---



WEAR METALS

Iron	ppm	295	437	218	---
Copper	ppm	22	20	17	---
Lead	ppm	0	0	0	---
Tin	ppm	1	1	<1	---
Aluminum	ppm	2	5	2	---
Chromium	ppm	3	5	3	---
Molybdenum	ppm	2	2	1	---
Nickel	ppm	3	4	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	7	5	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	147	32	35	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	63	15	22	---
Phosphorus	ppm	1788	1706	1888	---
Barium	ppm	0	0	2	---
Boron	ppm	76	57	120	---

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: 11057893
Signed: Don Baldrige
Report Date: 01 Jun 2024



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GRAPHS

