



CONSTRUCTION EQUIPMENT

607424 APTIM VOLVO A30G 740210 - FRONT AXLE



Sample No: VCP429912
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 607424 APTIM



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 john.fardella@altg.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP429912	VCP410379	---	---
Sample Date	13 Oct 2023	19 Apr 2023	---	---
Machine Hours	8468	7977	---	---
Oil Hours	4000	2000	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	116	114	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	180	177	---	---
Copper	ppm	8	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	5	7	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	4	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	145	145	---	---
Magnesium	ppm	17	26	---	---
Zinc	ppm	85	94	---	---
Phosphorus	ppm	1137	1197	---	---
Barium	ppm	0	0	---	---
Boron	ppm	188	215	---	---

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: 10753476
Signed: Don Baldrige
Report Date: 24 Nov 2023



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GRAPHS

