



CONSTRUCTION EQUIPMENT

579157 APTIM VOLVO A30G 740029 - REAR AXLE



Sample No: VCP414223
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 579157 APTIM



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



SAMPLE INFORMATION

Sample Number	VCP414223	VCP389815	VCP386609	---
Sample Date	12 Jul 2023	17 Oct 2022	17 Oct 2022	---
Machine Hours	9441	8409	8409	---
Oil Hours	4000	1500	500	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	111	110	111	---
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CONTAMINATION

Silicon	ppm	5	3	4	---
Sodium	ppm	1	<1	<1	---
Potassium	ppm	0	0	0	---



WEAR METALS

Iron	ppm	256	228	194	---
Copper	ppm	12	6	9	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	5	5	4	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	2	1	2	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	8	6	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	40	71	50	---
Magnesium	ppm	<1	0	0	---
Zinc	ppm	17	26	14	---
Phosphorus	ppm	1092	1080	1081	---
Barium	ppm	0	0	0	---
Boron	ppm	202	183	187	---

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: 10564860
Signed: Don Baldrige
Report Date: 24 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

