



CONSTRUCTION EQUIPMENT

645826 ATLAS ORGANIC VOLVO A25G 740339 - FRONT AXLE



Sample No: VCP443270
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 645826 ATLAS ORGANIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP443270	VCP415777	VCP295937	---
Sample Date	06 Dec 2023	05 Jul 2023	04 Dec 2020	---
Machine Hours	10637	10070	4926	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	209	140	59.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	26	56	---
Sodium	ppm	<1	2	6	---
Potassium	ppm	0	2	8	---



WEAR METALS

Iron	ppm	85	448	467	---
Copper	ppm	32	51	57	---
Lead	ppm	0	0	0	---
Tin	ppm	0	4	0	---
Aluminum	ppm	0	2	5	---
Chromium	ppm	1	7	5	---
Molybdenum	ppm	4	13	1	---
Nickel	ppm	0	2	3	---
Titanium	ppm	<1	<1	1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	7	4	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	116	366	259	---
Magnesium	ppm	0	40	10	---
Zinc	ppm	67	297	89	---
Phosphorus	ppm	990	1380	1913	---
Barium	ppm	0	0	<1	---
Boron	ppm	197	197	217	---

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: 10780750
Signed: Wes Davis
Report Date: 12 Dec 2023



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GRAPHS

