



CONSTRUCTION EQUIPMENT

405980 CARR BROS VOLVO A40F 11213 - FRONT AXLE



Sample No: VCP383081
Oil Type: NOT GIVEN
Job No: 405980 CARR BROS



ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL ELZERMAN
paul.elzerman@altaequipment.com
T: (248)356-5200
F: (248)356-2029



SAMPLE INFORMATION

Sample Number	VCP383081	VCE159418	---	---
Sample Date	01 Dec 2023	27 Jun 2012	---	---
Machine Hours	15931	1568	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	104	119.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	8	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

Iron	ppm	29	12	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	6	71	---	---
Magnesium	ppm	<1	0	---	---
Zinc	ppm	0	31	---	---
Phosphorus	ppm	1371	1574	---	---
Barium	ppm	0	0	---	---
Boron	ppm	239	239	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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: VOLVO2990
Unique No: 10803035
Signed: Wes Davis
Report Date: 22 Dec 2023



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GRAPHS

