



CONSTRUCTION EQUIPMENT

SWA405980 CARR BRO VOLVO A40F 11213 - TRANSMISSION (AUTO)



Sample No: VCP383069
Oil Type: NOT GIVEN
Job No: SWA405980 CARR BRO



SAMPLE INFORMATION

Sample Number	VCP383069	VCE159415	VCE109099	VCE114713
Sample Date	14 Nov 2023	27 Jun 2012	08 May 2012	23 Jan 2012
Machine Hours	15929	1568	0	528
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
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OIL CONDITION

Visc @ 40°C	cSt	28.21	34.73	31.81	34.63
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	11	9	9
Sodium	ppm	4	3	2	2
Potassium	ppm	<1	0	2	3

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	235	48	33	30
Copper	ppm	37	316	147	124
Lead	ppm	0	0	<1	0
Tin	ppm	12	9	10	10
Aluminum	ppm	6	33	20	14
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	0	1
Nickel	ppm	5	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	12	8	6	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	203	200	193
Magnesium	ppm	6	0	0	2
Zinc	ppm	2	12	2	10
Phosphorus	ppm	184	333	367	303
Barium	ppm	0	0	0	<1
Boron	ppm	74	90	85	100

Depot: VOLVO2990
Unique No: 10750909
Signed: Jonathan Hester
Report Date: 29 Nov 2023



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VOLVO GRAPHS

