



CONSTRUCTION EQUIPMENT

717732 DIPRO VOLVO A40G 353052 - TRANSMISSION (AUTO)



Sample No: VCP453752
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 717732 DIPRO



SAMPLE INFORMATION

Sample Number	VCP453752	VCP444153	VCP431702	VCP414169
Sample Date	14 Jun 2024	06 Mar 2024	25 Oct 2023	11 Jul 2023
Machine Hours	9202	8028	6429	5162
Oil Hours	1000	1000	2000	1000
Oil Changed	Not Changd	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	29.6	30.2	28.6	28.9
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CONTAMINATION

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

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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	10	14	14	10
Copper	ppm	7	9	10	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	2	2	2
Aluminum	ppm	3	6	7	6
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	53	75	93	69
Magnesium	ppm	1	3	1	1
Zinc	ppm	0	3	12	3
Phosphorus	ppm	198	202	189	188
Barium	ppm	0	0	0	2
Boron	ppm	90	91	93	87

Depot: VOLVO2990
Unique No: 11089083
Signed: Don Baldrige
Report Date: 23 Jun 2024

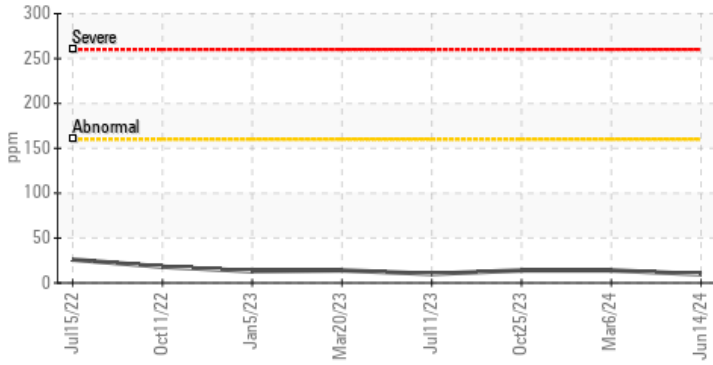


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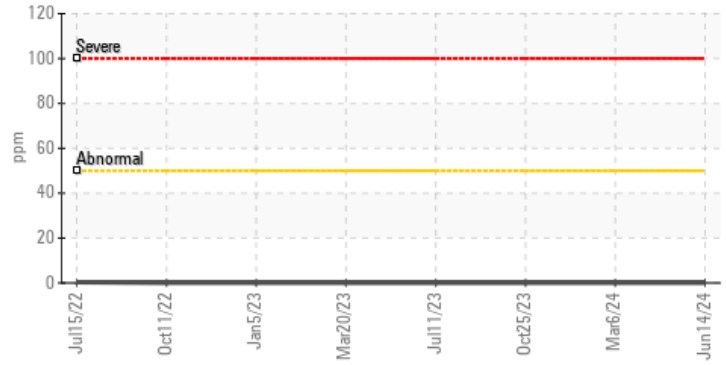


VOLVO GRAPHS

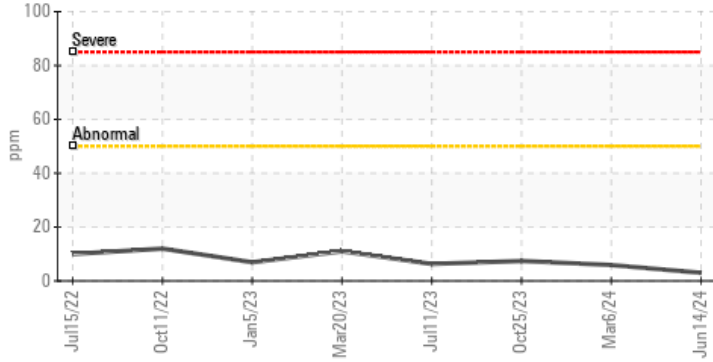
Iron (ppm)



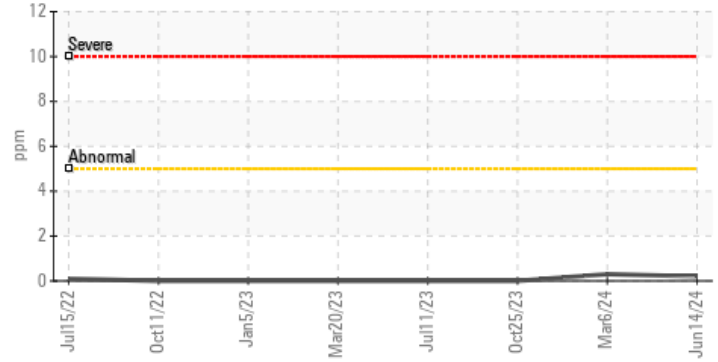
Lead (ppm)



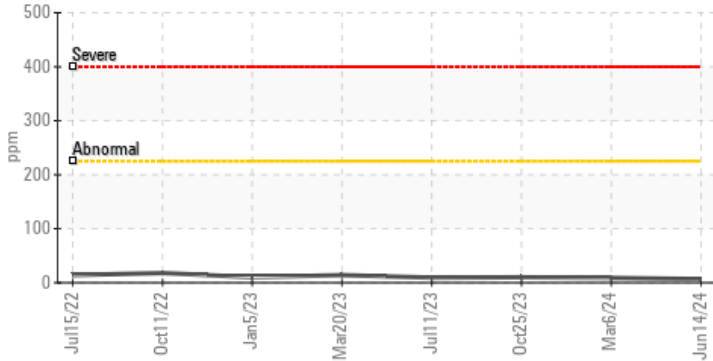
Aluminum (ppm)



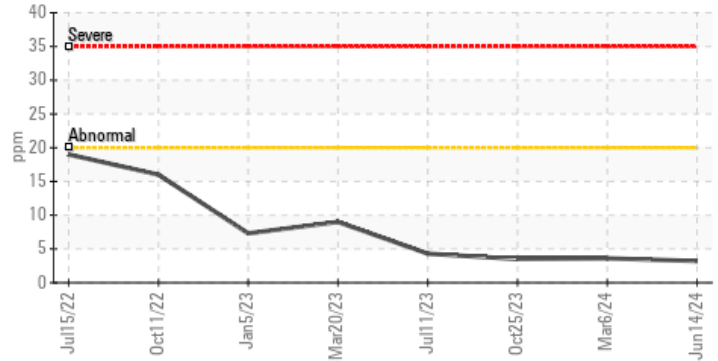
Chromium (ppm)



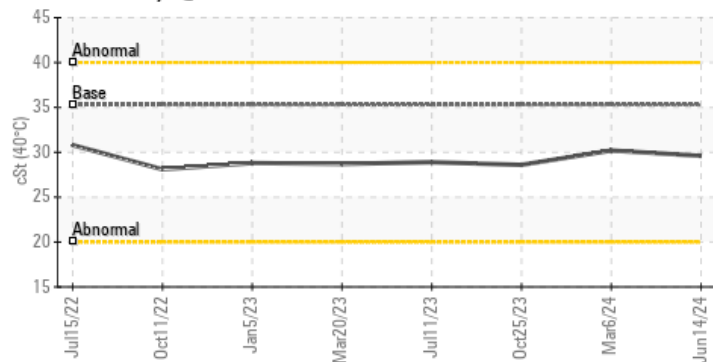
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

