



CONSTRUCTION EQUIPMENT

717807 VOLVO A40G 341228 - TRANSMISSION (AUTO)



Sample No: VCP447779
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 717807



SAMPLE INFORMATION

Sample Number	VCP447779	VCP396909	VCP329020	VCP315788
Sample Date	04 Jun 2024	29 Dec 2022	13 Oct 2021	27 Jul 2021
Machine Hours	11401	9883	7929	7438
Oil Hours	1000	2000	0	0
Oil Changed	Not Chngd	Changed	Changed	N/A
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

BLAZE CONSTRUCTION

5640 ST JEAN ST
 DETROIT, MI
 US 48213
 Contact: DAVE WARD
 dward@blazecontracting.net
 T: (248)632-2317
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.2	27.9	28.9	27.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	6	6	5
Sodium	ppm	2	2	<1	4
Potassium	ppm	5	8	18	0

Diagnosis

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. There is a moderate amount of visible silt present in the sample. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	19	26	8	24
Copper	ppm	12	19	5	12
Lead	ppm	<1	0	<1	0
Tin	ppm	2	3	<1	2
Aluminum	ppm	12	13	2	9
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	2	2	<1	1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	85	118	74
Magnesium	ppm	8	3	1	0
Zinc	ppm	15	7	3	2
Phosphorus	ppm	193	212	193	173
Barium	ppm	<1	2	<1	0
Boron	ppm	96	110	91	76

Depot: BLADET
Unique No: 11088065
Signed: Sean Felton
Report Date: 21 Jun 2024

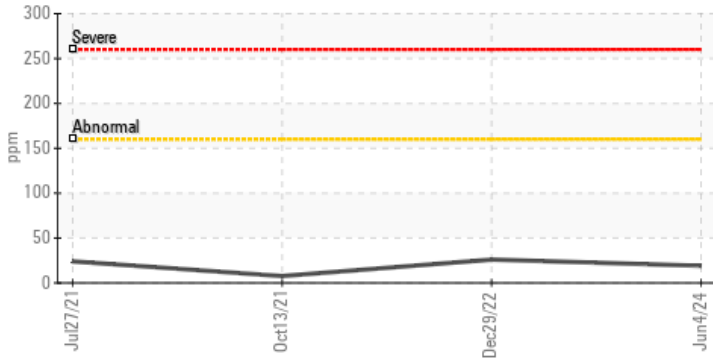


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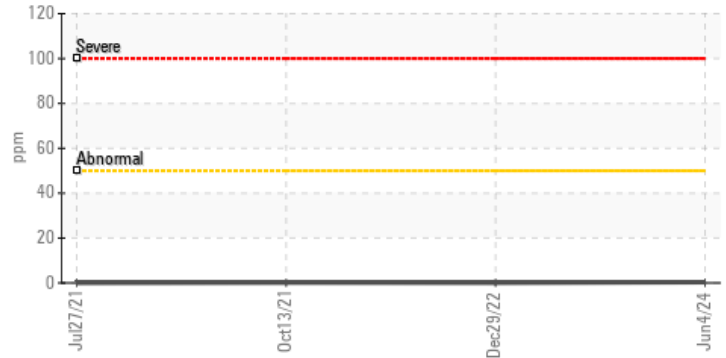


GRAPHS

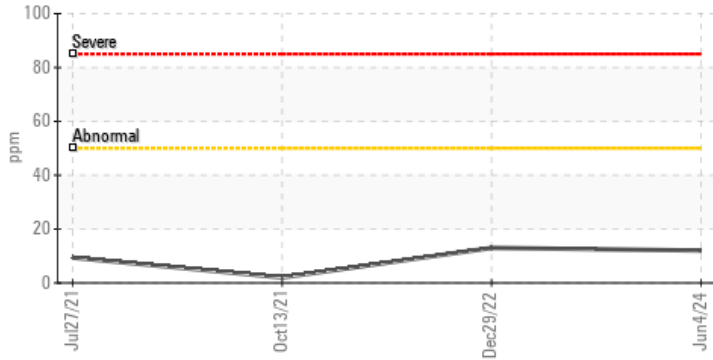
Iron (ppm)



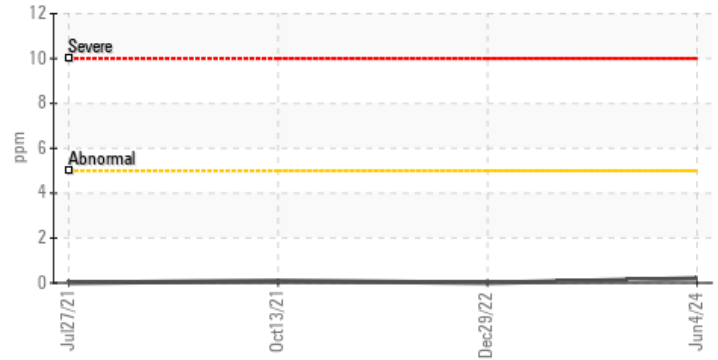
Lead (ppm)



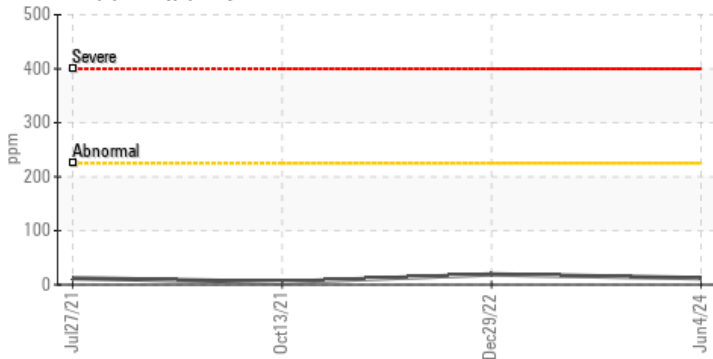
Aluminum (ppm)



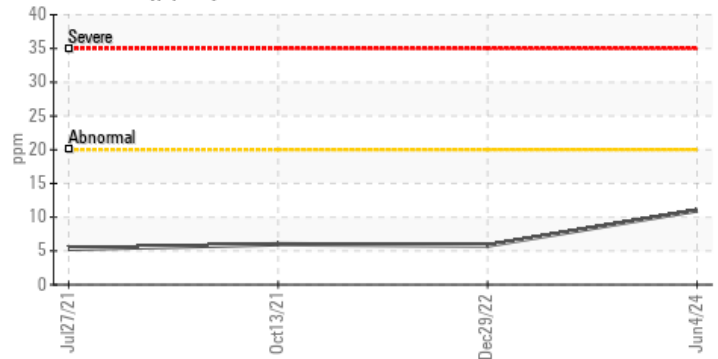
Chromium (ppm)



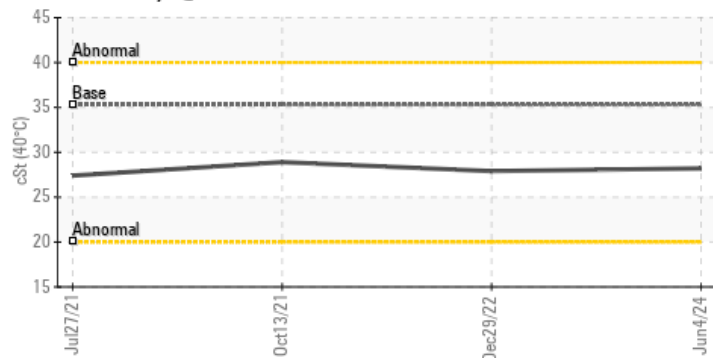
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

