



CONSTRUCTION EQUIPMENT

VOLVO A40G 352351 - TRANSMISSION (AUTO)



Sample No: VCP331550

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP331550	VCP406108	VCP384396	VCP362738
Sample Date	07 Nov 2023	24 Aug 2023	30 May 2023	06 Mar 2023
Machine Hours	7750	7188	6612	6020
Oil Hours	562	576	592	628
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 T: (641)743-8237
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OIL CONDITION

Visc @ 40°C	cSt	28.7	29.3	29.1	30.6
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CONTAMINATION

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

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	4	6	6	6
Copper	ppm	9	12	9	8
Lead	ppm	0	0	0	0
Tin	ppm	1	1	<1	1
Aluminum	ppm	4	5	4	5
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	2	2	1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	95	110	81	82
Magnesium	ppm	2	3	0	2
Zinc	ppm	0	10	0	6
Phosphorus	ppm	238	251	236	238
Barium	ppm	0	0	0	0
Boron	ppm	105	112	121	120

Depot: SCHGRE
Unique No: 10756053
Signed: Sean Felton
Report Date: 28 Nov 2023

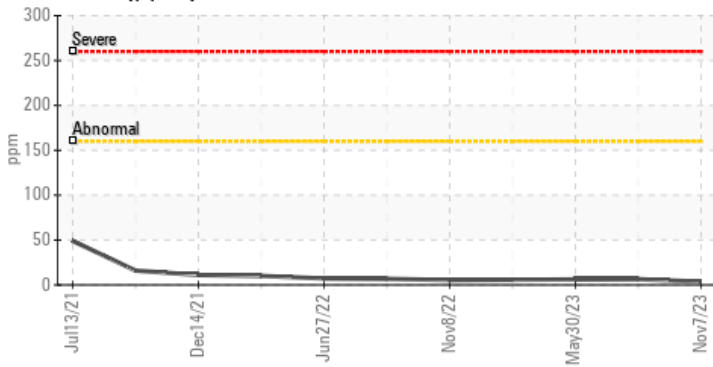


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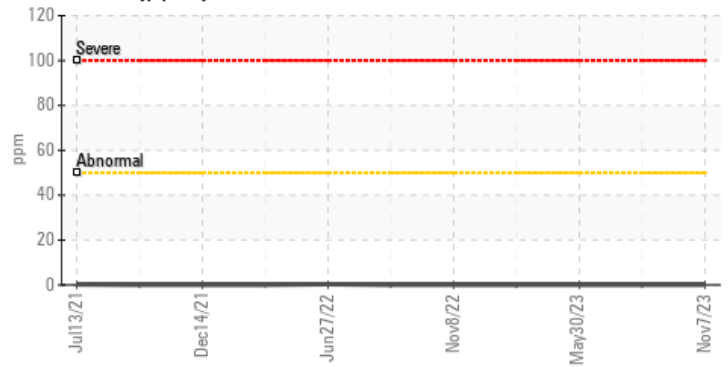


GRAPHS

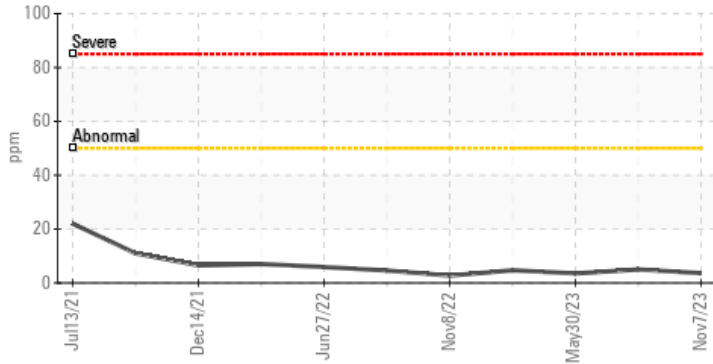
Iron (ppm)



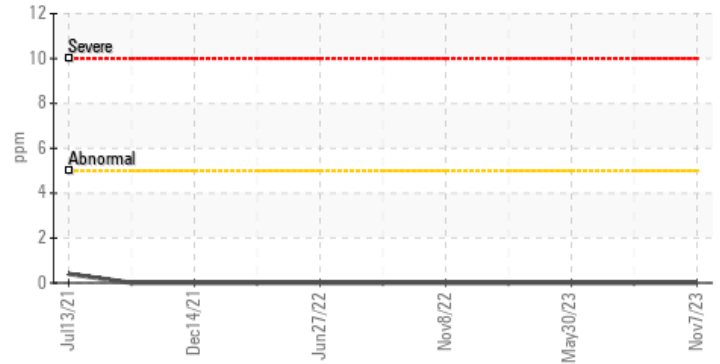
Lead (ppm)



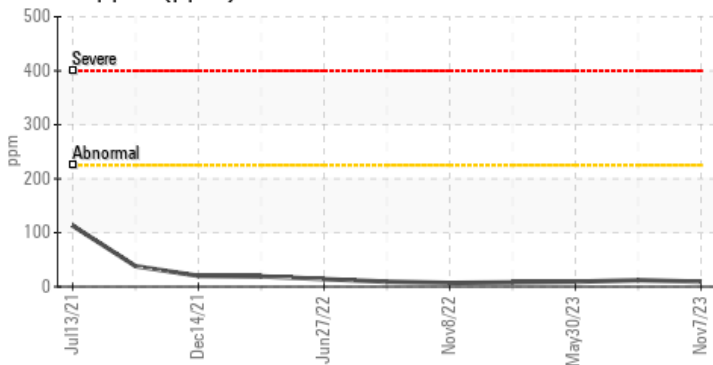
Aluminum (ppm)



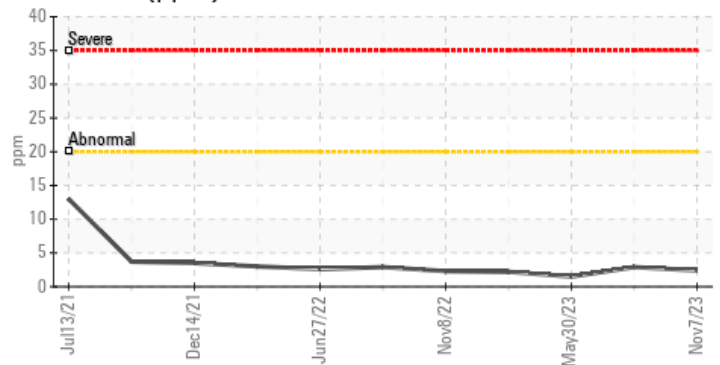
Chromium (ppm)



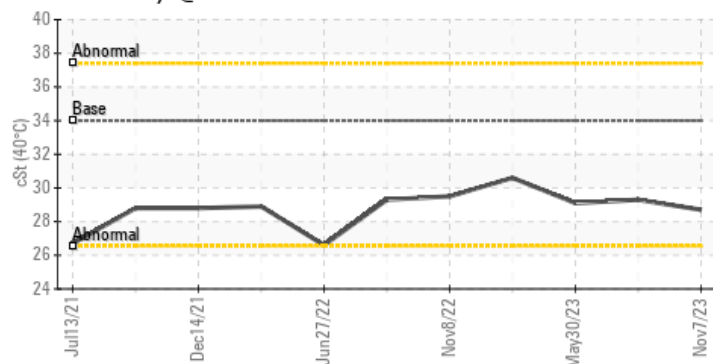
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

