



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - TRANSMISSION (AUTO)



Sample No: VCP331587
Oil Type: MOBIL MULTI-PURPOSE ATF
Job No:



SAMPLE INFORMATION

Sample Number	VCP331587	VCP405663	VCP400106	VCP386550
Sample Date	06 Nov 2023	21 Aug 2023	30 May 2023	06 Mar 2023
Machine Hours	9810	9271	8804	8253
Oil Hours	539	467	551	637
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.6	27.9	29.4	29.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	4	6	2	2
Potassium	ppm	2	1	<1	<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	2	5	6	6
Copper	ppm	7	8	7	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	1
Aluminum	ppm	2	2	2	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	2	<1	<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	119	196	79	80
Magnesium	ppm	7	17	0	1
Zinc	ppm	6	46	0	5
Phosphorus	ppm	254	290	224	237
Barium	ppm	0	0	0	0
Boron	ppm	101	96	115	121

Depot: SCHGRE
Unique No: 10756054
Signed: Wes Davis
Report Date: 27 Nov 2023

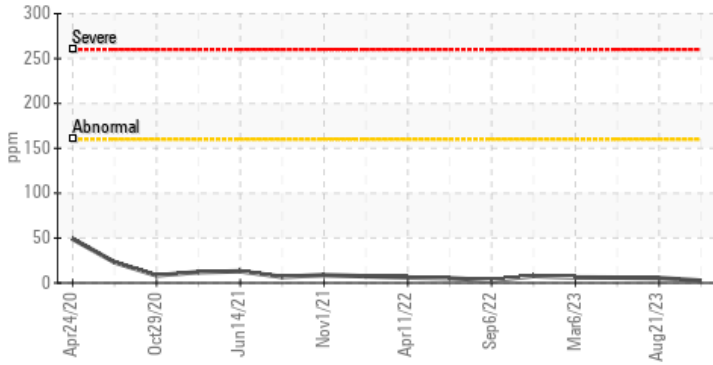


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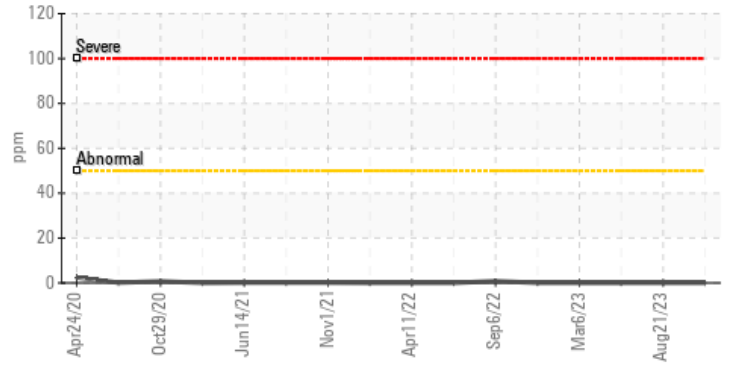


GRAPHS

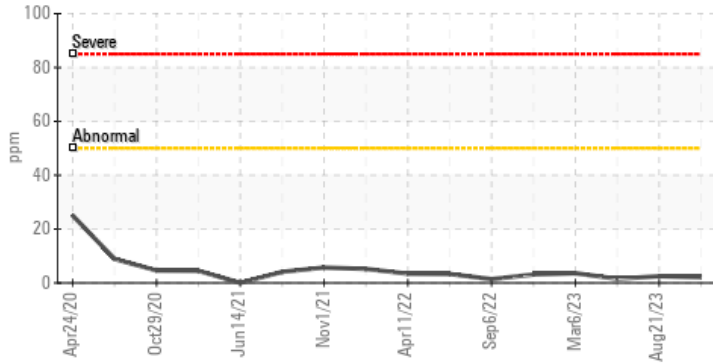
Iron (ppm)



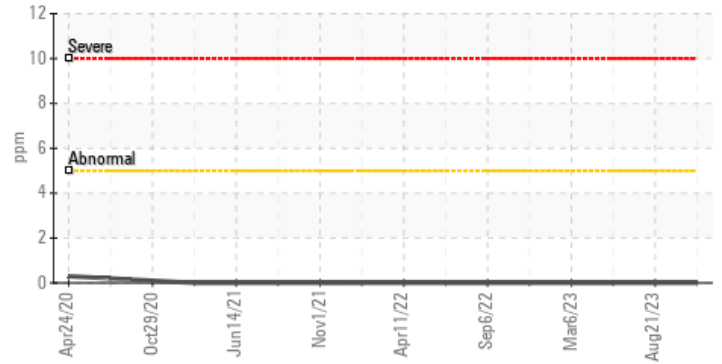
Lead (ppm)



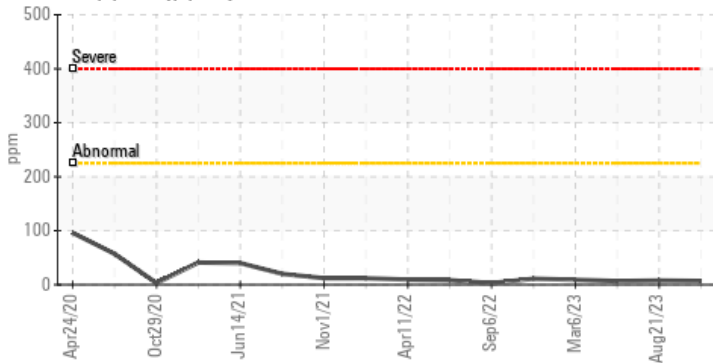
Aluminum (ppm)



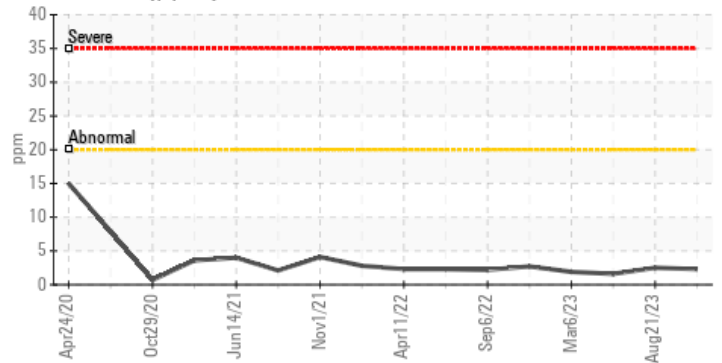
Chromium (ppm)



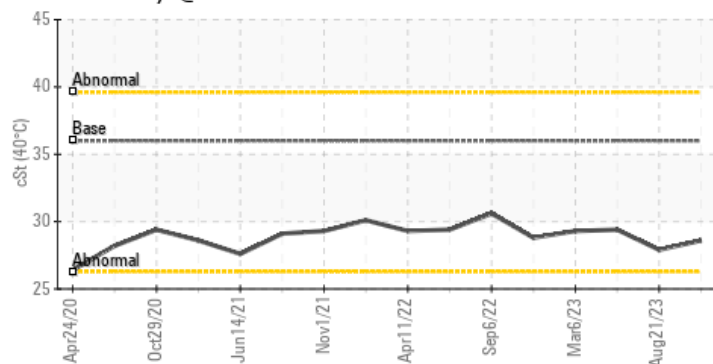
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

