



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - TRANSMISSION (AUTO)



Sample No: VCP405258

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP405258	VCP406125	VCP386180	VCP386544
Sample Date	24 Oct 2023	01 Aug 2023	10 May 2023	28 Feb 2023
Machine Hours	16708	16113	15588	15032
Oil Hours	595	525	556	623
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.8	28.7	28.7
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CONTAMINATION

Silicon	ppm	4	3	4	3
Sodium	ppm	0	0	0	2
Potassium	ppm	1	2	<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	6	5	6	6
Copper	ppm	3	3	3	3
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	5	6	7	10
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	110	105	93	81
Magnesium	ppm	2	2	2	2
Zinc	ppm	8	11	9	6
Phosphorus	ppm	258	233	231	237
Barium	ppm	0	0	0	0
Boron	ppm	124	138	117	121

Depot: SCHGRE
Unique No: 10724415
Signed: Wes Davis
Report Date: 02 Nov 2023

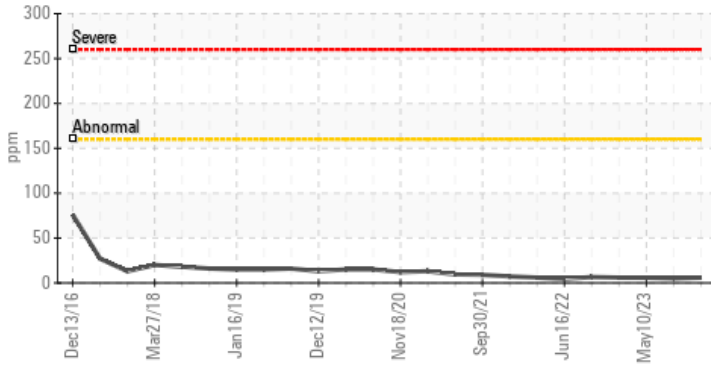


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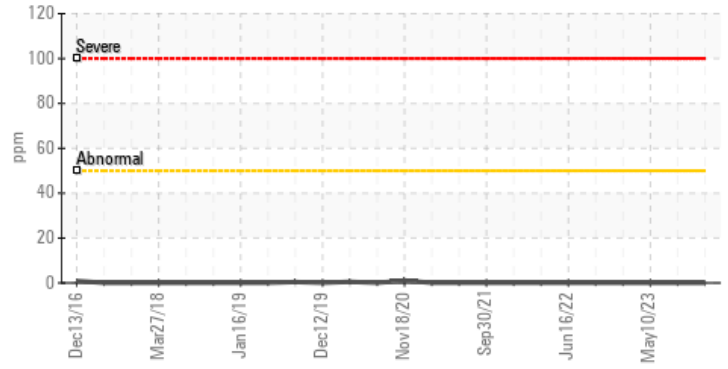


GRAPHS

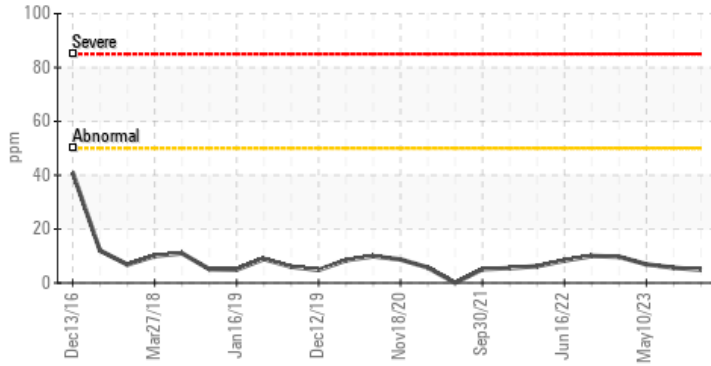
Iron (ppm)



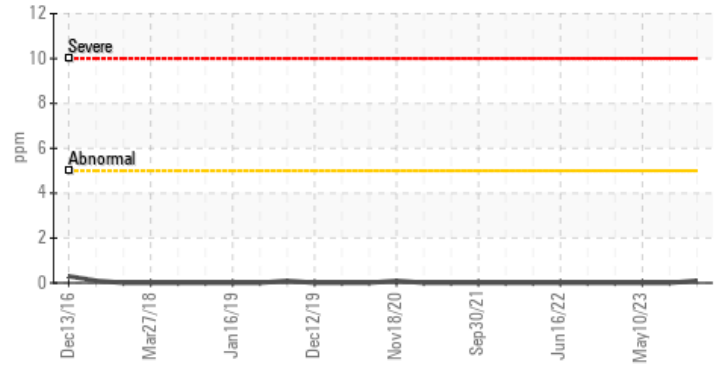
Lead (ppm)



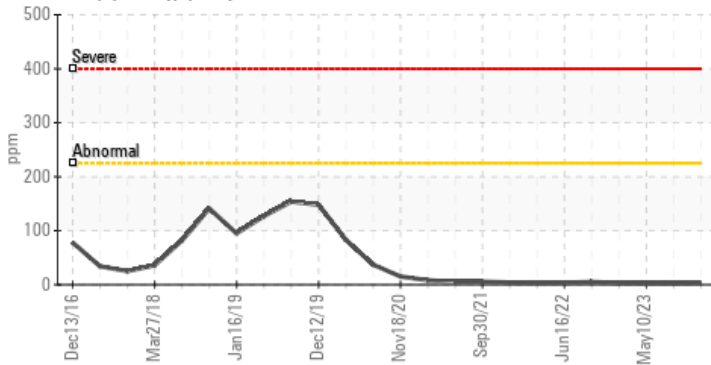
Aluminum (ppm)



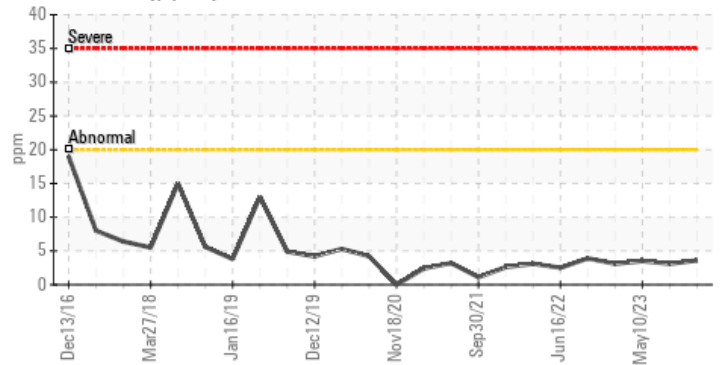
Chromium (ppm)



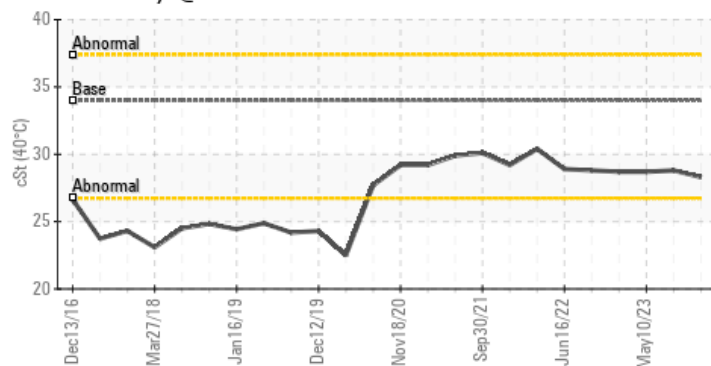
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

