



CONSTRUCTION EQUIPMENT

VOLVO A40F 1 1927 - TRANSMISSION (AUTO)



Sample No: VCP312986
Oil Type: MOBIL MULTI-PURPOSE ATF
Job No:



SAMPLE INFORMATION

Sample Number	VCP312986	VCP312938	VCP379347	VCP342160
Sample Date	14 Nov 2023	01 Sep 2023	26 Jun 2023	26 Sep 2022
Machine Hours	25567	25041	24613	23399
Oil Hours	526	428	631	473
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.7	28.1	28.2	29.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	4	3
Sodium	ppm	3	<1	2	0
Potassium	ppm	<1	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	3	8	15	8
Copper	ppm	6	8	14	9
Lead	ppm	0	0	0	0
Tin	ppm	1	1	2	1
Aluminum	ppm	4	5	12	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	3
Nickel	ppm	2	2	2	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	92	114	109	177
Magnesium	ppm	2	4	4	16
Zinc	ppm	0	13	14	52
Phosphorus	ppm	241	243	252	250
Barium	ppm	0	0	0	1
Boron	ppm	107	115	125	105

Depot: SCHGRE
Unique No: 10756057
Signed: Wes Davis
Report Date: 27 Nov 2023

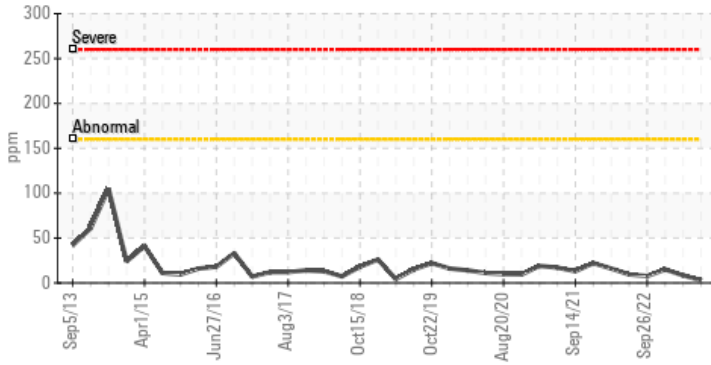


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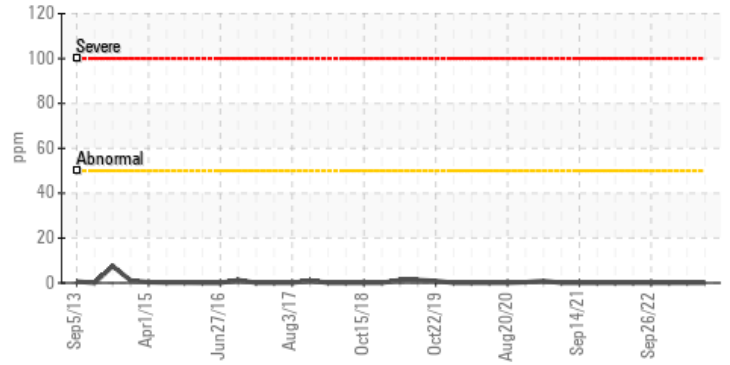


GRAPHS

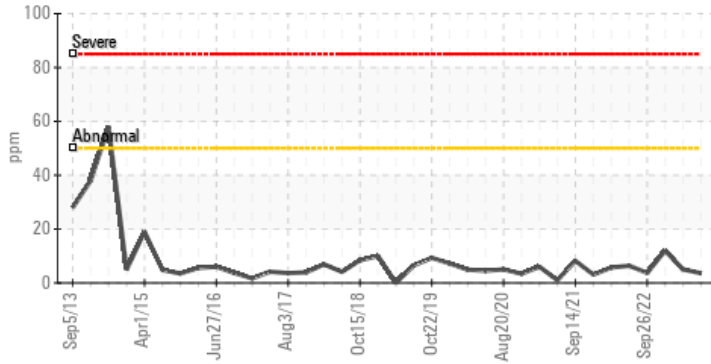
Iron (ppm)



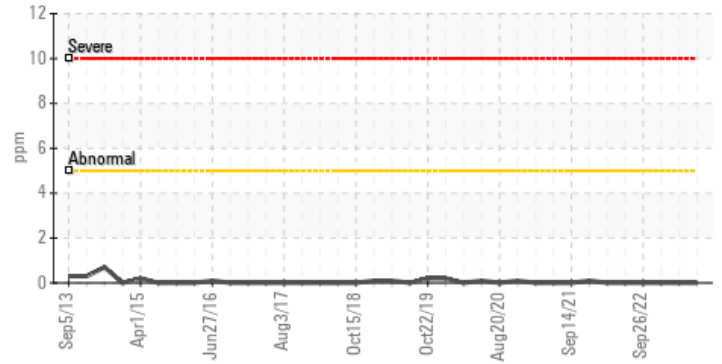
Lead (ppm)



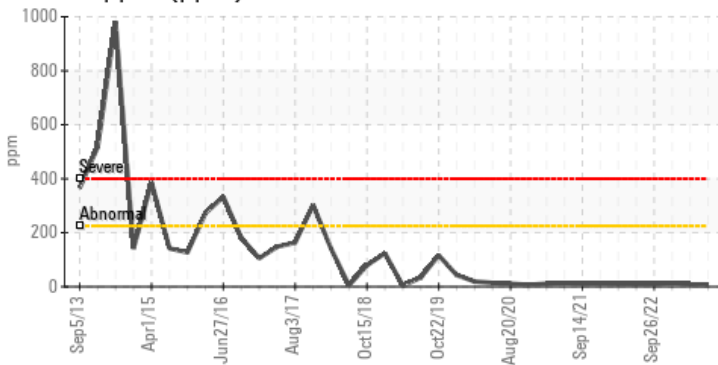
Aluminum (ppm)



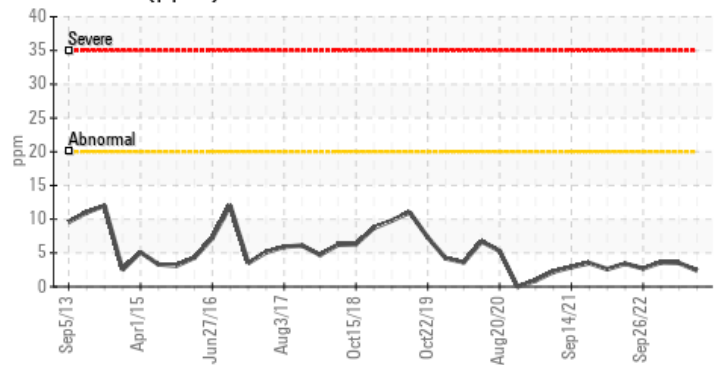
Chromium (ppm)



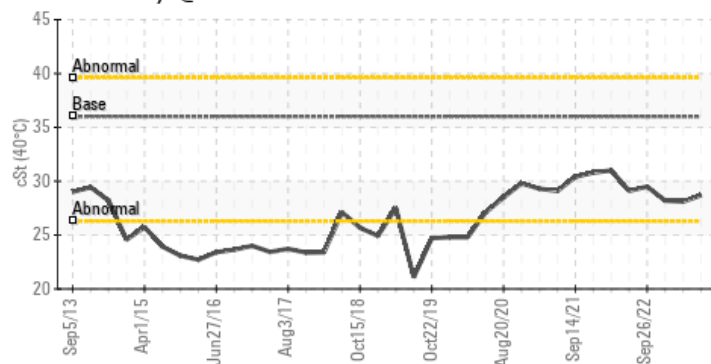
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

