



CONSTRUCTION EQUIPMENT

VOLVO A40F 1 1927 - TRANSMISSION (AUTO)



Sample No: VCP379347
Oil Type: MOBIL MULTI-PURPOSE ATF
Job No:



SAMPLE INFORMATION

Sample Number	VCP379347	VCP342160	VCP358281	VCP346667
Sample Date	26 Jun 2023	26 Sep 2022	14 Jul 2022	27 Apr 2022
Machine Hours	24613	23399	22926	22432
Oil Hours	631	473	494	799
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.2	29.5	29.1	31.0
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CONTAMINATION

Silicon	ppm	4	3	3	3
Sodium	ppm	2	0	0	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	15	8	9	16
Copper	ppm	14	9	8	10
Lead	ppm	0	0	0	0
Tin	ppm	2	1	1	1
Aluminum	ppm	12	4	6	6
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	3	<1	2
Nickel	ppm	2	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	109	177	113	170
Magnesium	ppm	4	16	8	17
Zinc	ppm	14	52	20	47
Phosphorus	ppm	252	250	243	264
Barium	ppm	0	1	2	0
Boron	ppm	125	105	133	111

Depot: SCHGRE
Unique No: 10546451
Signed: Wes Davis
Report Date: 06 Jul 2023

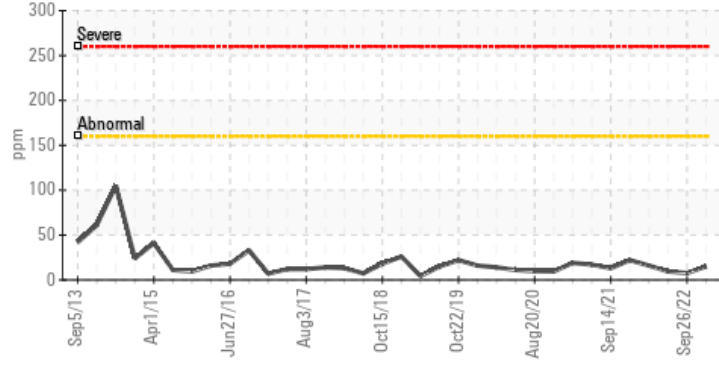


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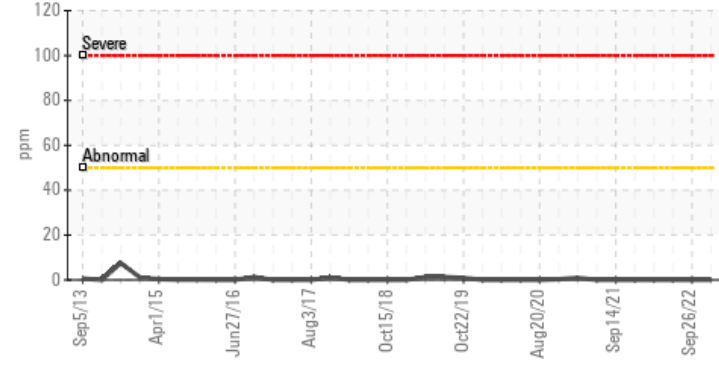


GRAPHS

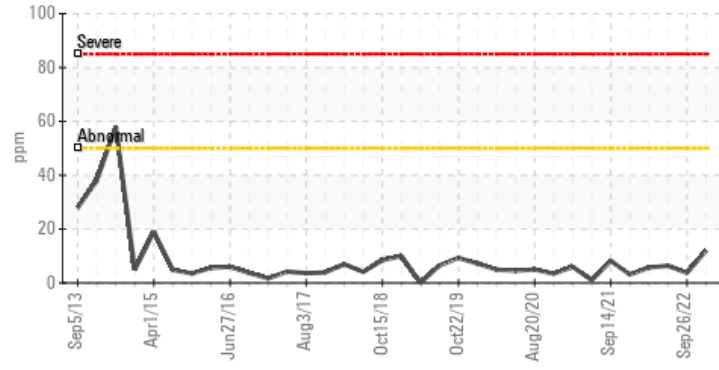
Iron (ppm)



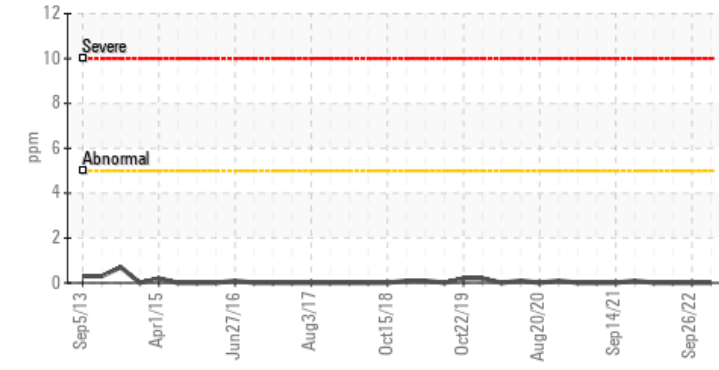
Lead (ppm)



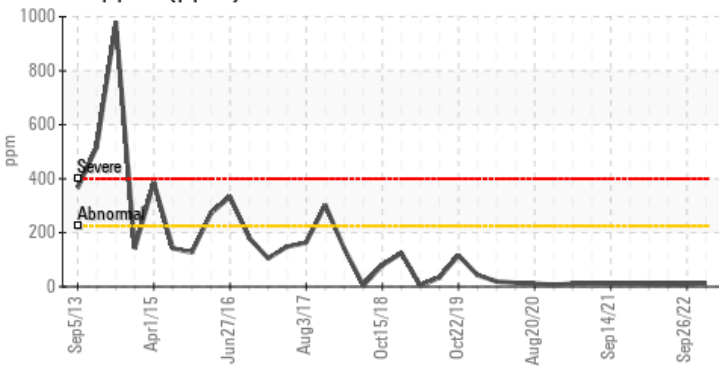
Aluminum (ppm)



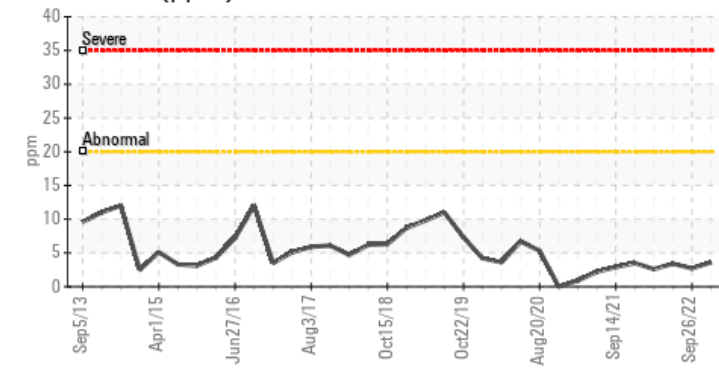
Chromium (ppm)



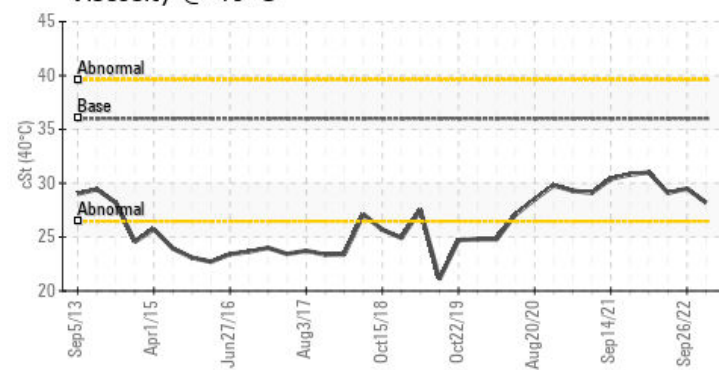
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

