



CONSTRUCTION EQUIPMENT

VOLVO A40G 342373 - TRANSMISSION (AUTO)



Sample No: VCP441990

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP441990	VCP399416	VCP445732	VCP341877
Sample Date	10 Jun 2024	12 Mar 2024	29 Nov 2023	09 Oct 2023
Machine Hours	13342	12715	12310	11957
Oil Hours	627	405	353	578
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.5	30.3	29.2	29.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	3	3
Sodium	ppm	4	2	3	0
Potassium	ppm	<1	1	0	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	7	4	2	8
Copper	ppm	2	2	2	2
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	<1
Aluminum	ppm	3	3	2	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	4	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	213	192	100	145
Magnesium	ppm	19	20	2	6
Zinc	ppm	52	49	6	18
Phosphorus	ppm	258	227	235	217
Barium	ppm	0	0	0	0
Boron	ppm	103	95	122	116

Depot: SCHGRE
Unique No: 11127117
Signed: Wes Davis
Report Date: 17 Jul 2024

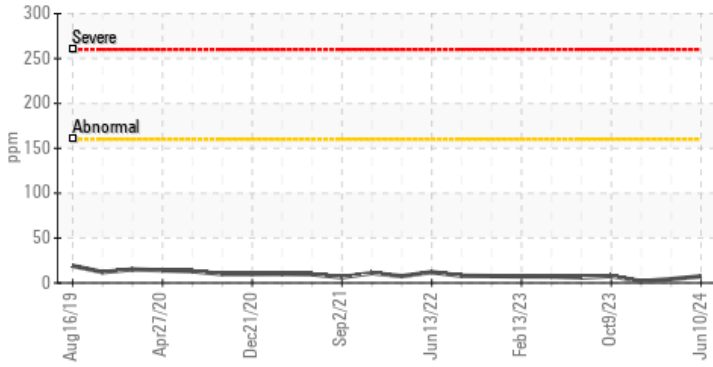


CONSTRUCTION EQUIPMENT

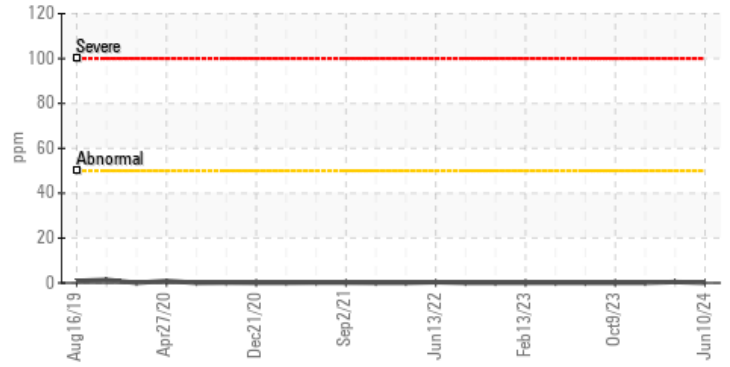


GRAPHS

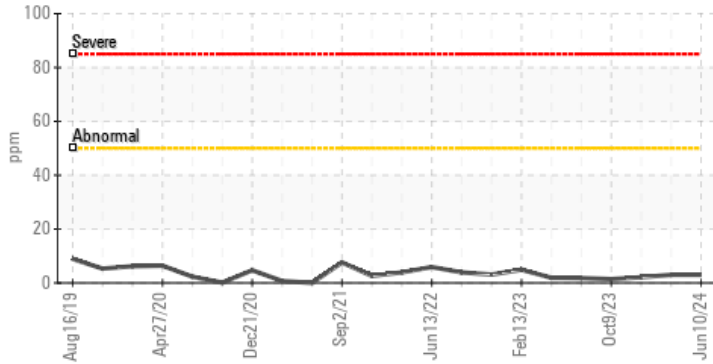
Iron (ppm)



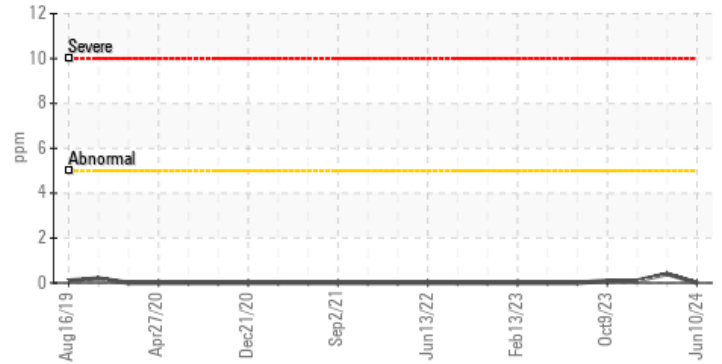
Lead (ppm)



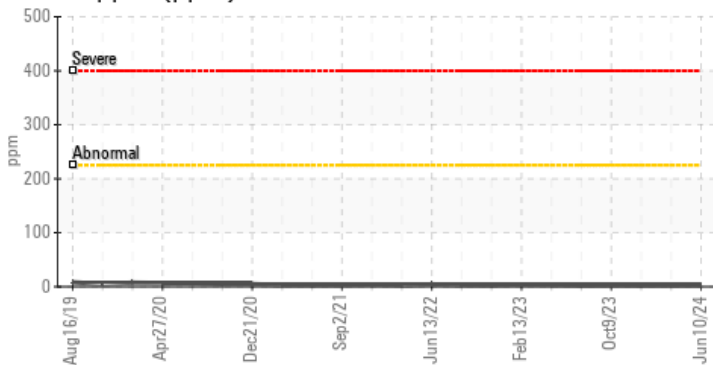
Aluminum (ppm)



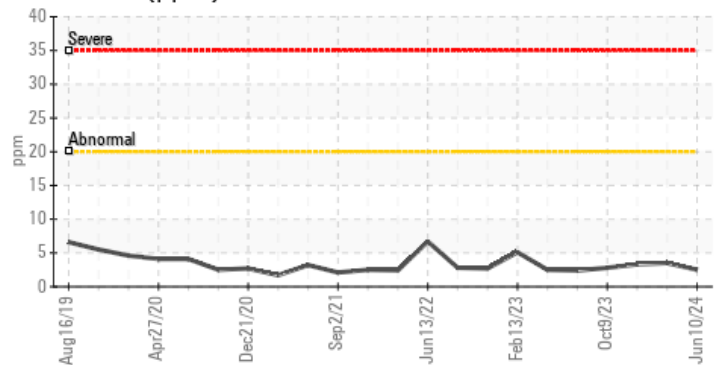
Chromium (ppm)



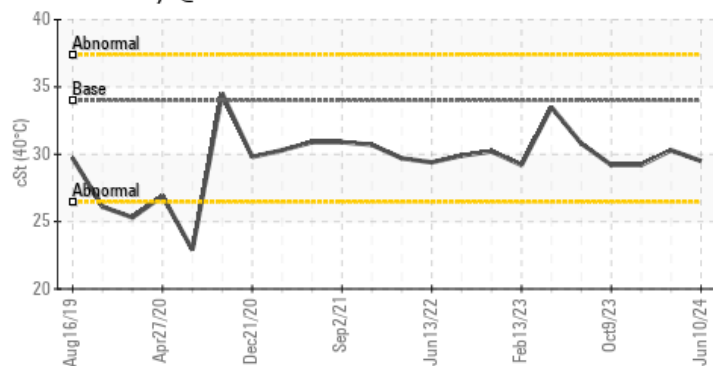
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

