



CONSTRUCTION EQUIPMENT

VOLVO A40G 342253 - TRANSMISSION (AUTO)



Sample No: VCP395131

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP395131	VCP404855	VCP384381	VCP406828
Sample Date	30 Oct 2023	29 Aug 2023	07 Jun 2023	22 Mar 2023
Machine Hours	10697	10232	9709	9169
Oil Hours	465	523	540	458
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.7	27.8	30.6	29.9
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CONTAMINATION

Silicon	ppm	4	3	2	2
Sodium	ppm	2	3	2	1
Potassium	ppm	0	0	<1	0

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	6	10	9
Copper	ppm	4	4	4	4
Lead	ppm	0	0	0	0
Tin	ppm	<1	1	<1	0
Aluminum	ppm	3	3	4	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	2	0	2	1
Nickel	ppm	<1	<1	1	0
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	186	178	272	198
Magnesium	ppm	4	8	16	11
Zinc	ppm	46	31	83	52
Phosphorus	ppm	244	249	279	248
Barium	ppm	0	0	0	0
Boron	ppm	101	91	106	113

Depot: SCHGRE
Unique No: 10737015
Signed: Wes Davis
Report Date: 10 Nov 2023

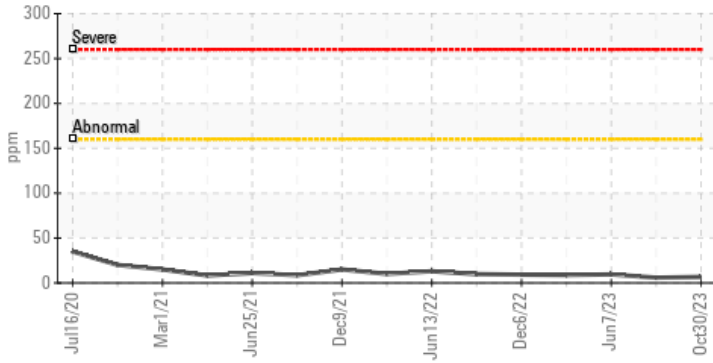


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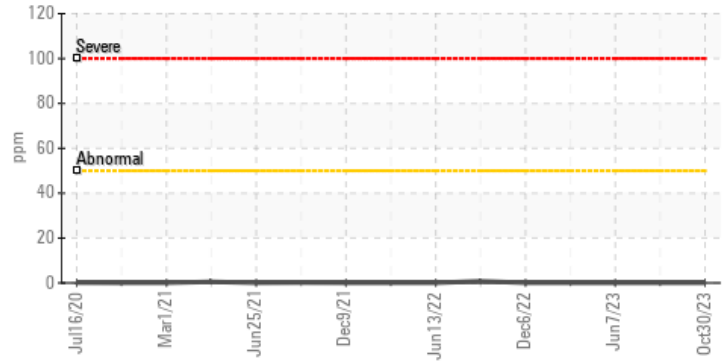


GRAPHS

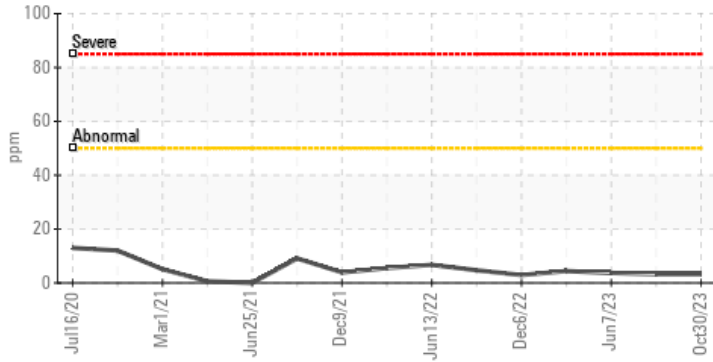
Iron (ppm)



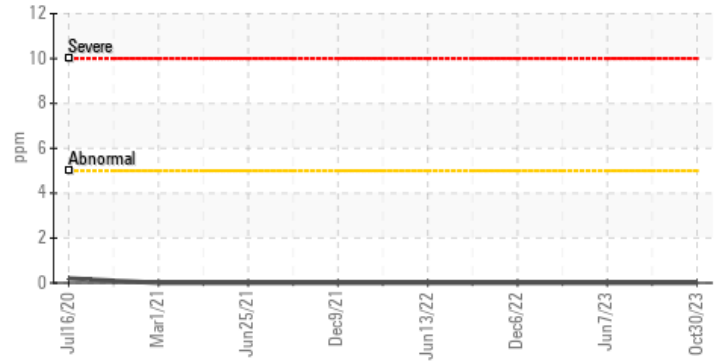
Lead (ppm)



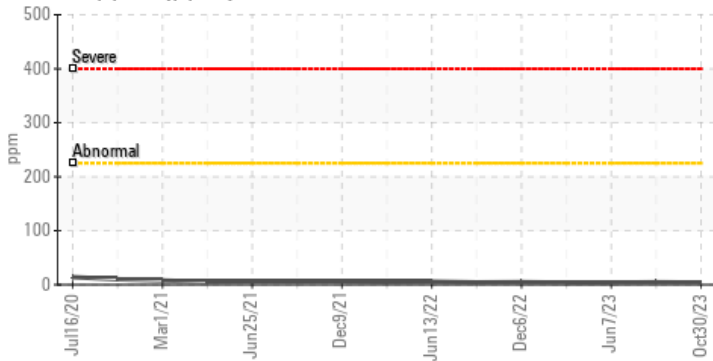
Aluminum (ppm)



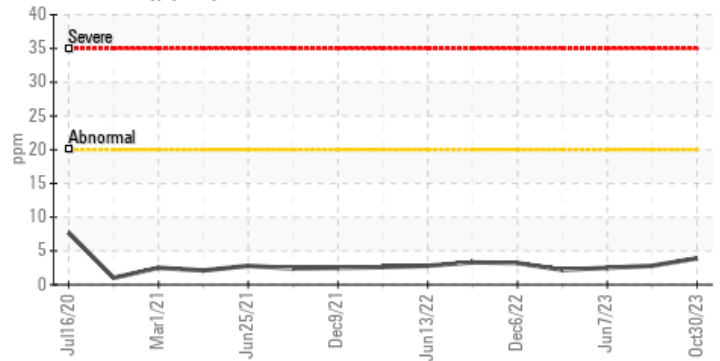
Chromium (ppm)



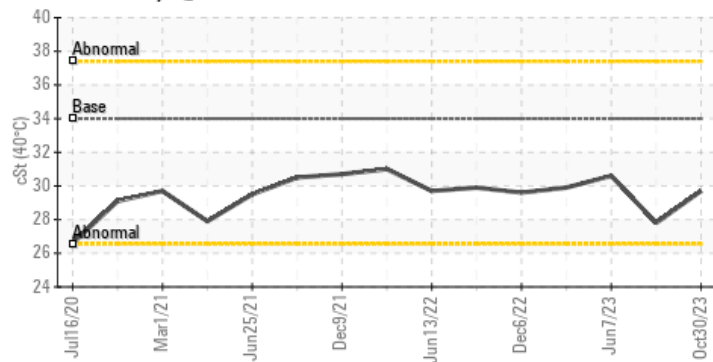
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

