



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 742081 - TRANSMISSION (AUTO)



Sample No: VCP451178
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP451178	VCP452334	VCP425809	VCP392892
Sample Date	26 Apr 2024	08 Jan 2024	14 Jul 2023	13 Mar 2023
Machine Hours	8996	8469	7964	7506
Oil Hours	0	500	2000	1500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.8	28.9	29.3	27.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	3	4
Sodium	ppm	3	3	6	4
Potassium	ppm	0	0	0	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	13	10	22	17
Copper	ppm	5	5	9	7
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	2	1
Aluminum	ppm	5	5	11	7
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	78	70	78	76
Magnesium	ppm	<1	0	<1	4
Zinc	ppm	6	0	1	0
Phosphorus	ppm	187	200	206	200
Barium	ppm	0	0	0	0
Boron	ppm	93	95	107	92

Depot: VOLVO0093
Unique No: 11031869
Signed: Don Baldrige
Report Date: 17 May 2024

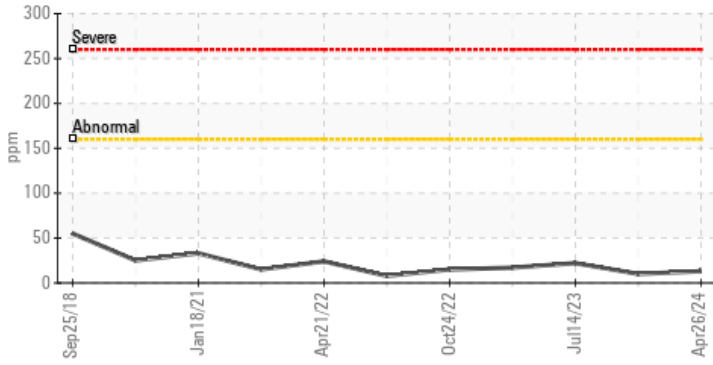


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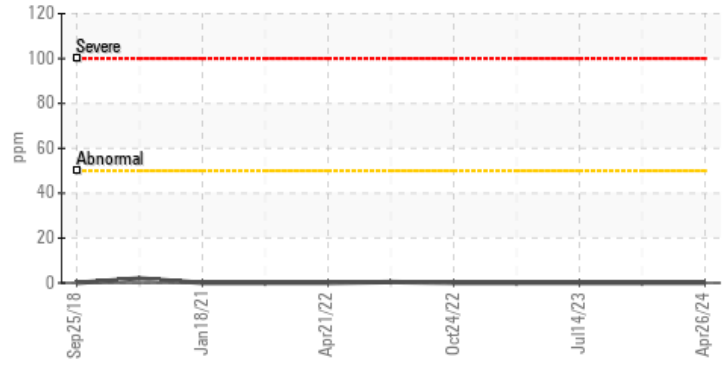


GRAPHS

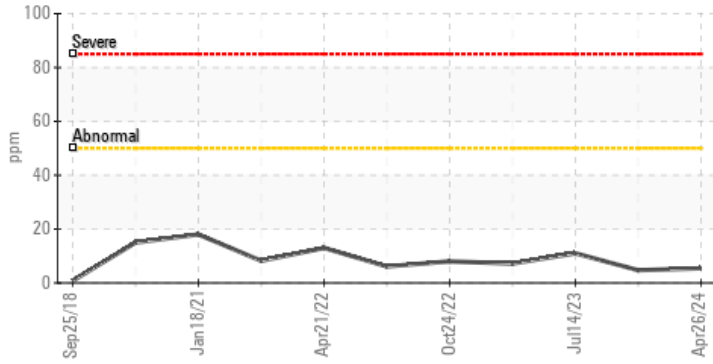
Iron (ppm)



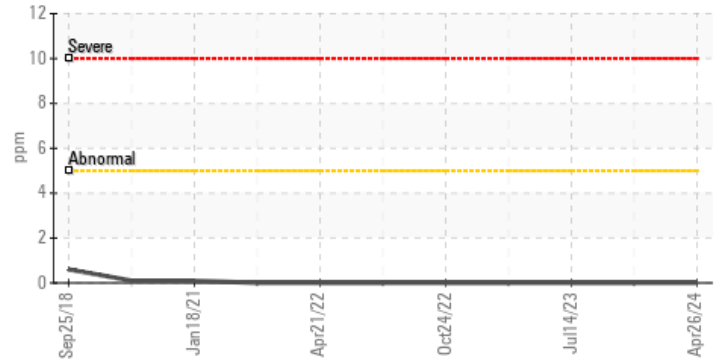
Lead (ppm)



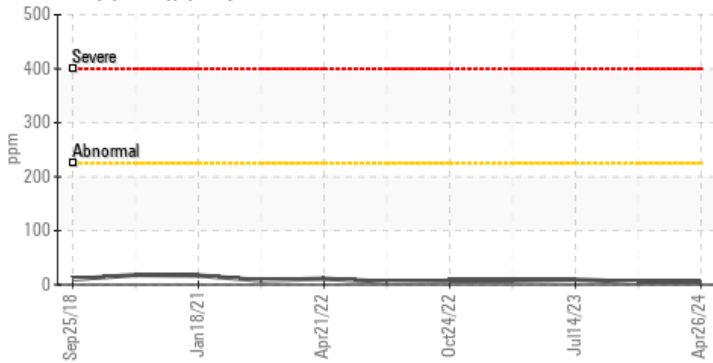
Aluminum (ppm)



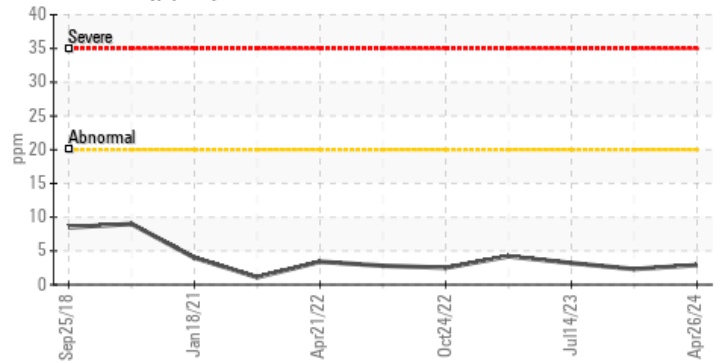
Chromium (ppm)



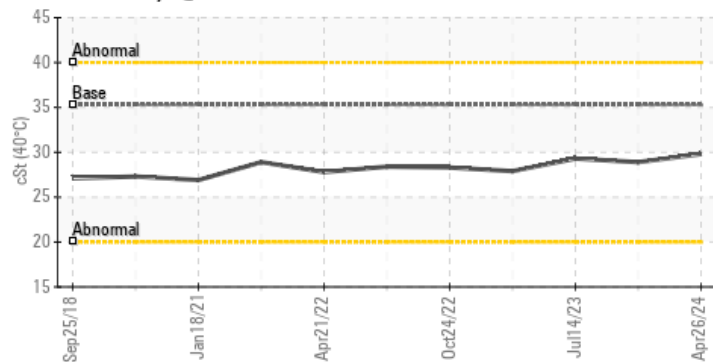
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

