



CONSTRUCTION EQUIPMENT

369660 TUCKER PAVING VOLVO L110H 631211 - TRANSMISSION (AUTO)



Sample No: VCP426172
Oil Type: VOLVO AT 102
Job No: 369660 TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP426172	VCP395981	VCP390635	VCP343528
Sample Date	22 Sep 2023	22 Feb 2023	06 Sep 2022	17 Nov 2021
Machine Hours	10219	9606	8781	7374
Oil Hours	0	1600	2000	1500
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.5	28.8	27.9	28.4
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CONTAMINATION

Silicon	ppm	6	3	4	3
Sodium	ppm	0	<1	2	<1
Potassium	ppm	<1	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	26	10	14	6
Copper	ppm	4	1	3	2
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	7	4	12	7
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	98	83	80	76
Magnesium	ppm	10	4	4	3
Zinc	ppm	25	0	10	9
Phosphorus	ppm	198	199	201	202
Barium	ppm	2	0	1	0
Boron	ppm	84	80	82	112

Depot: VOLVO0093
Unique No: 10662090
Signed: Sean Felton
Report Date: 27 Sep 2023

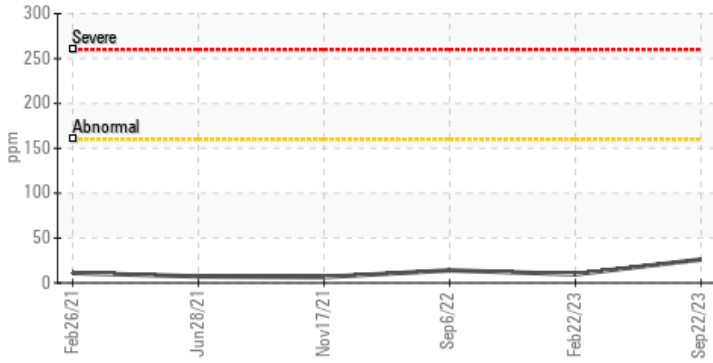


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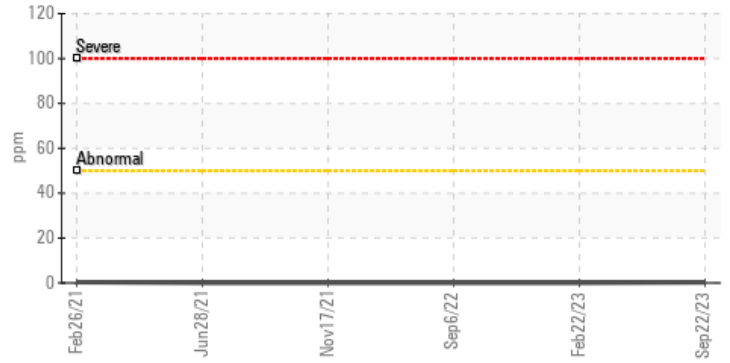


GRAPHS

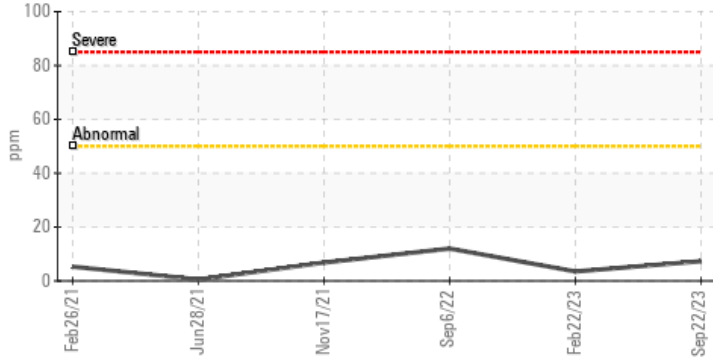
Iron (ppm)



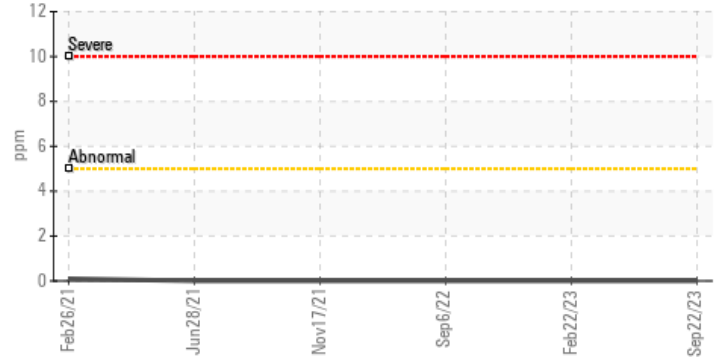
Lead (ppm)



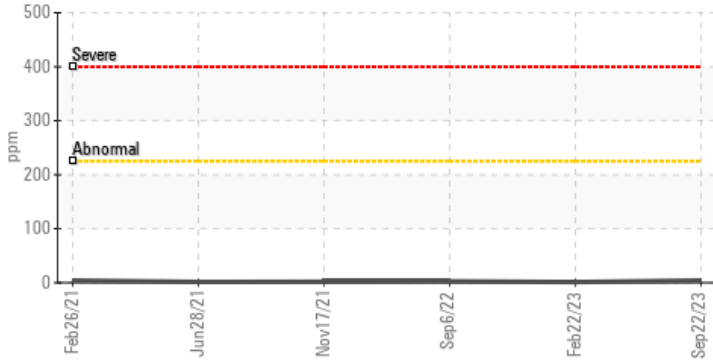
Aluminum (ppm)



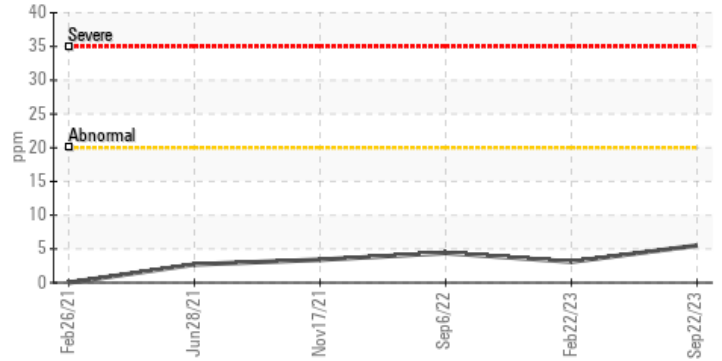
Chromium (ppm)



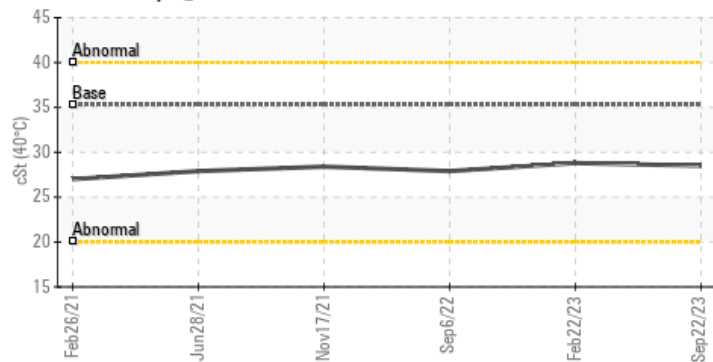
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

