



CONSTRUCTION EQUIPMENT

2825-1 VOLVO L90F 3199 - TRANSMISSION (AUTO)



Sample No: VCP445922
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 2825-1



SAMPLE INFORMATION

Sample Number	VCP445922	VCP429487	VCP408342	VCP407760
Sample Date	20 Feb 2024	06 Dec 2023	26 Sep 2023	28 Jun 2023
Machine Hours	18494	13995	17537	16948
Oil Hours	0	1000	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.4	27.5	27.7	27.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	3	2
Sodium	ppm	3	5	2	3
Potassium	ppm	0	<1	2	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	2	3	4	3
Copper	ppm	<1	2	2	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	93	78	82	89
Magnesium	ppm	<1	0	2	5
Zinc	ppm	2	0	5	21
Phosphorus	ppm	197	185	193	180
Barium	ppm	0	0	0	0
Boron	ppm	82	89	97	89

Depot: VOLVO1023
Unique No: 10903868
Signed: Wes Davis
Report Date: 02 Mar 2024

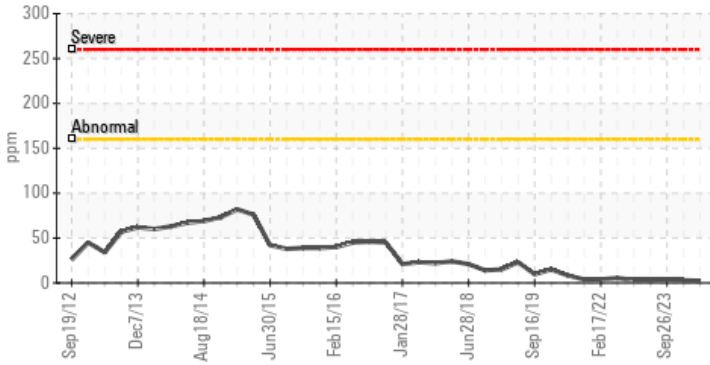


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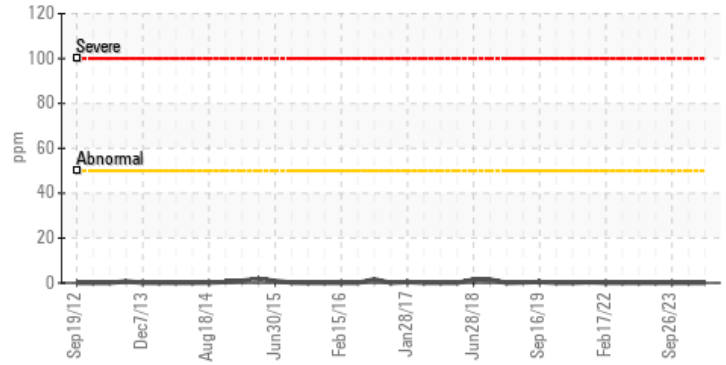


VOLVO GRAPHS

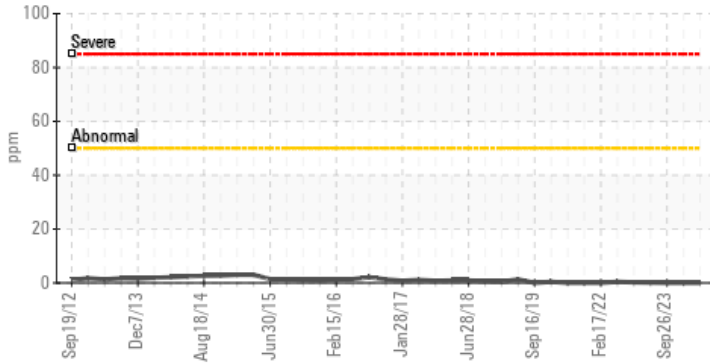
Iron (ppm)



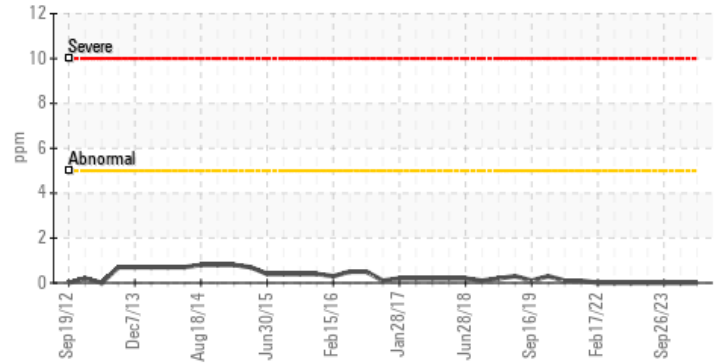
Lead (ppm)



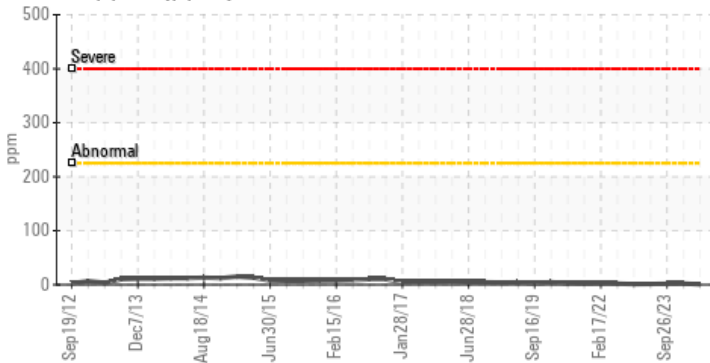
Aluminum (ppm)



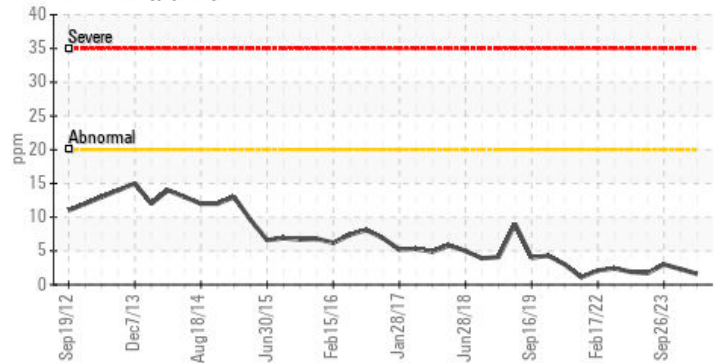
Chromium (ppm)



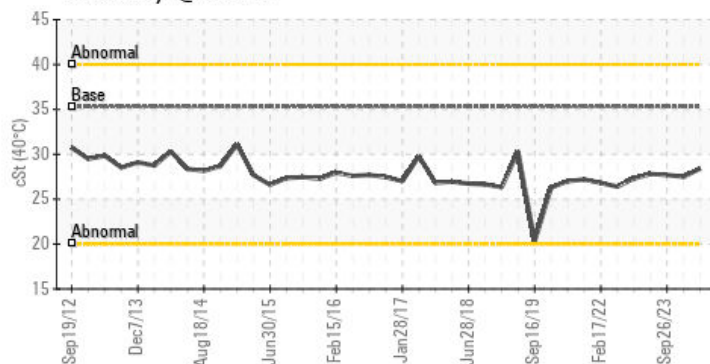
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

