



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - TRANSMISSION (AUTO)



Sample No: VCP411072
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP411072	VCP421333	VCP311433	VCP291332
Sample Date	16 Aug 2023	21 Jul 2023	30 Apr 2021	10 Dec 2020
Machine Hours	7072	6888	2179	1163
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	28.4	30.1	26.7	26.5
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CONTAMINATION

Silicon	ppm	3	3	4	8
Sodium	ppm	2	2	6	3
Potassium	ppm	0	1	0	3



WEAR METALS

Iron	ppm	7	13	24	34
Copper	ppm	<1	9	53	76
Lead	ppm	0	0	<1	<1
Tin	ppm	0	<1	3	6
Aluminum	ppm	<1	3	9	5
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	1	▲ 8	▲ 11
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	3
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	74	76	89	86
Magnesium	ppm	0	0	2	<1
Zinc	ppm	0	<1	9	0
Phosphorus	ppm	203	224	173	150
Barium	ppm	0	0	0	2
Boron	ppm	96	123	70	64

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.

Depot: VOLVO0090
Unique No: 10616469
Signed: Wes Davis
Report Date: 23 Aug 2023

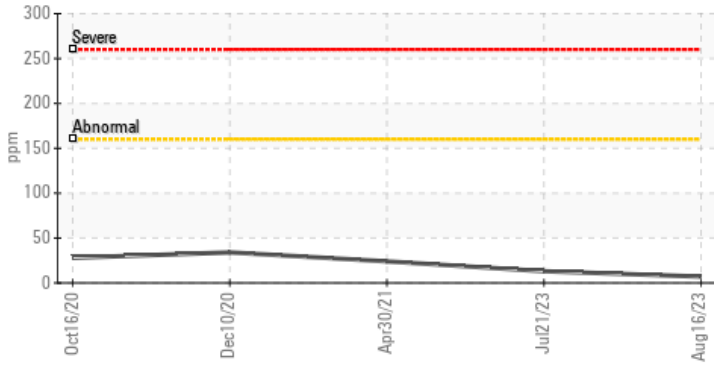


CONSTRUCTION EQUIPMENT

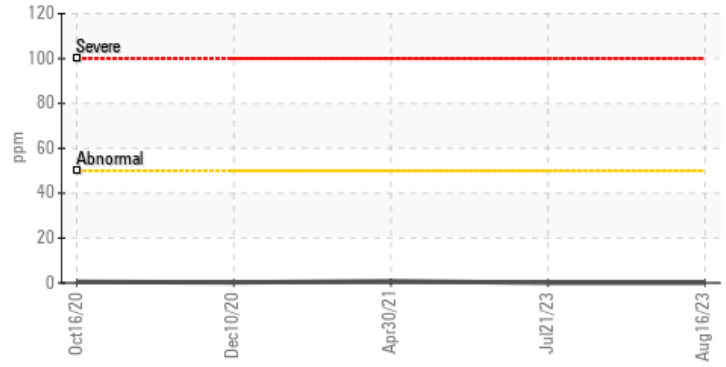


GRAPHS

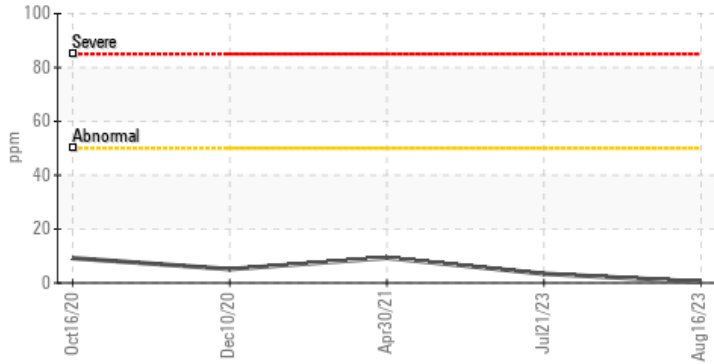
Iron (ppm)



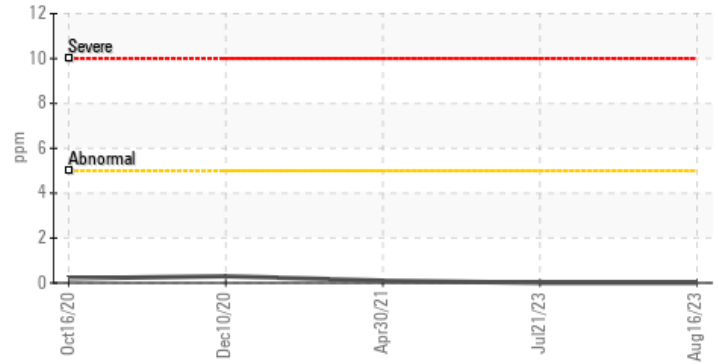
Lead (ppm)



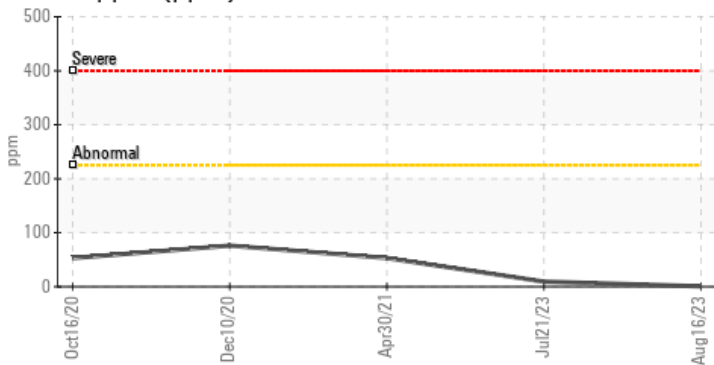
Aluminum (ppm)



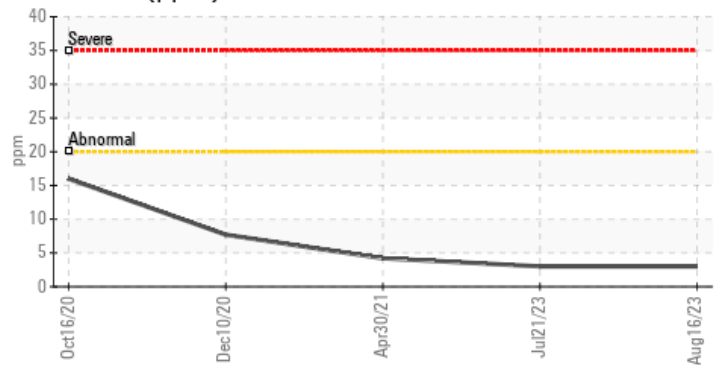
Chromium (ppm)



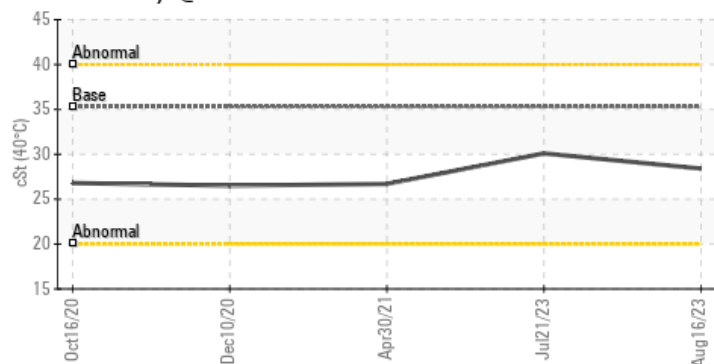
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

