



CONSTRUCTION EQUIPMENT

19097 ADAMS PRODUCTS VOLVO L70H 623761 - TRANSMISSION (AUTO)



Sample No: VCP408444
Oil Type: VOLVO AT 102
Job No: 19097 ADAMS PRODUCTS



SAMPLE INFORMATION

Sample Number	VCP408444	VCP3415000	VCP338691	VCP325694
Sample Date	14 Jul 2023	18 Feb 2022	11 Nov 2021	10 Sep 2021
Machine Hours	8741	5615	5044	4610
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	N/A	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

117 - ASCENDUM MACHINERY INC - GREENVILLE
2002 N GREENE ST
GREENVILLE, NC
US 27834
Contact: BRANDON JENKINS
BRANDON.JENKINS@ASCENDUMMACHINERY.COM
T:
F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	27.8	28.3	27.0	27.54
-------------	-----	-------------	------	------	-------



CONTAMINATION

Silicon	ppm	6	10	12	10
Sodium	ppm	3	2	0	3
Potassium	ppm	1	2	2	9

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	50	112	114	101
Copper	ppm	5	7	7	6
Lead	ppm	0	0	<1	2
Tin	ppm	0	0	<1	0
Aluminum	ppm	4	3	5	4
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	2	5	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	80	92	87	91
Magnesium	ppm	3	2	2	3
Zinc	ppm	22	32	27	28
Phosphorus	ppm	198	200	187	175
Barium	ppm	0	0	<1	1
Boron	ppm	80	61	74	71

Depot: VOLVO8769
Unique No: 10587646
Signed: Doug Bogart
Report Date: 06 Aug 2023

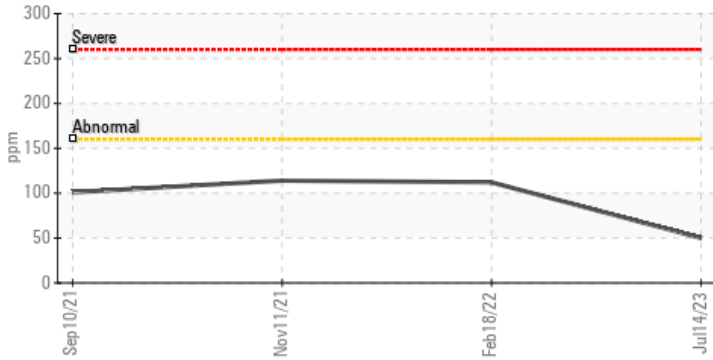


CONSTRUCTION EQUIPMENT

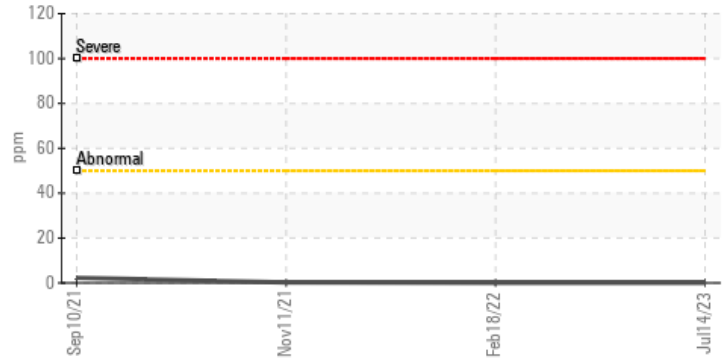


GRAPHS

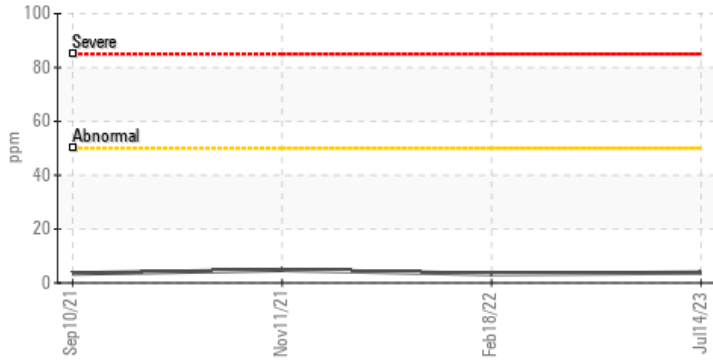
Iron (ppm)



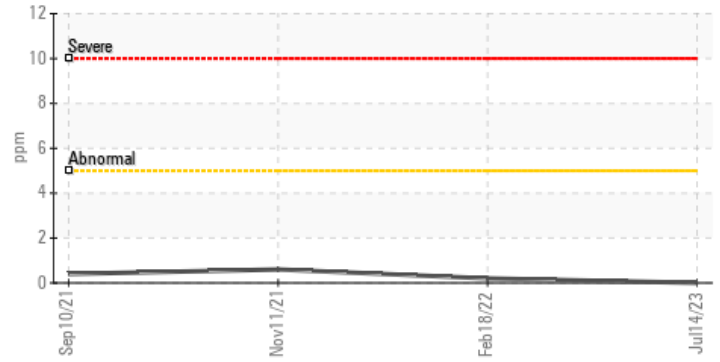
Lead (ppm)



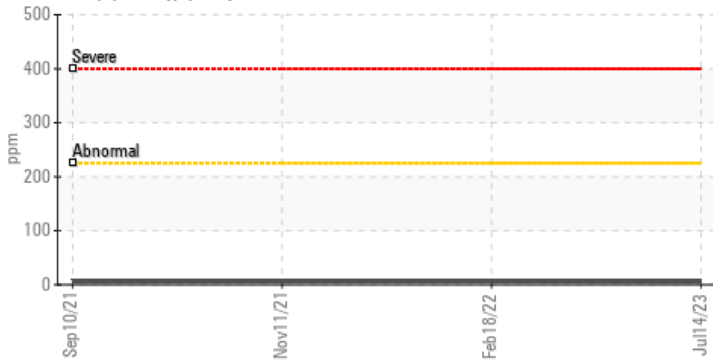
Aluminum (ppm)



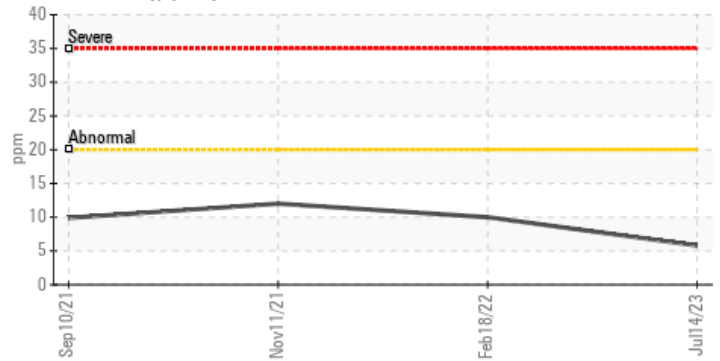
Chromium (ppm)



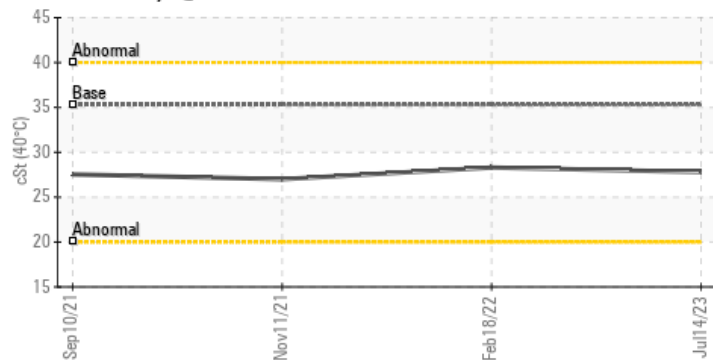
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

