



CONSTRUCTION EQUIPMENT

VOLVO A45G 342523 - TRANSMISSION (AUTO)



Sample No: VCP0008009

Oil Type: VOLVO AT 102

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008009	VCP419032	VCP0007989	VCP313730
Sample Date	02 Aug 2023	18 Jul 2023	06 Jul 2023	27 Apr 2021
Machine Hours	0	6542	0	3717
Oil Hours	0	0	0	1717
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

QGS - QUALITY GRASSES SERV/TCF LEASING
 17502 CR 672
 LITHIA, FL
 US 33547
 Contact: GARY ROGERS
 grogers@qgsdevelopment.com
 T: (813)323-4119
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.4	29.1	28.7	26.6
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CONTAMINATION

Silicon	ppm	4	3	3	5
Sodium	ppm	2	0	0	7
Potassium	ppm	<1	2	2	3

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	19	18	16	99
Copper	ppm	12	10	10	26
Lead	ppm	<1	0	<1	0
Tin	ppm	2	2	2	4
Aluminum	ppm	9	8	5	22
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	2	1	2	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	90	77	46
Magnesium	ppm	2	1	2	1
Zinc	ppm	6	7	3	25
Phosphorus	ppm	223	217	187	127
Barium	ppm	0	<1	0	0
Boron	ppm	143	95	109	45

Depot: QUALITFL
Unique No: 10588401
Signed: Jonathan Hester
Report Date: 07 Aug 2023

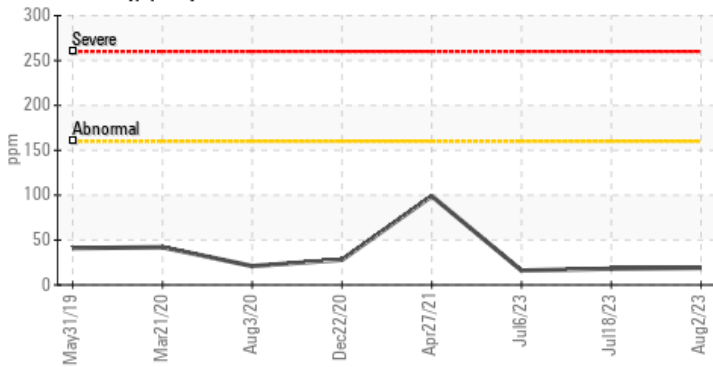


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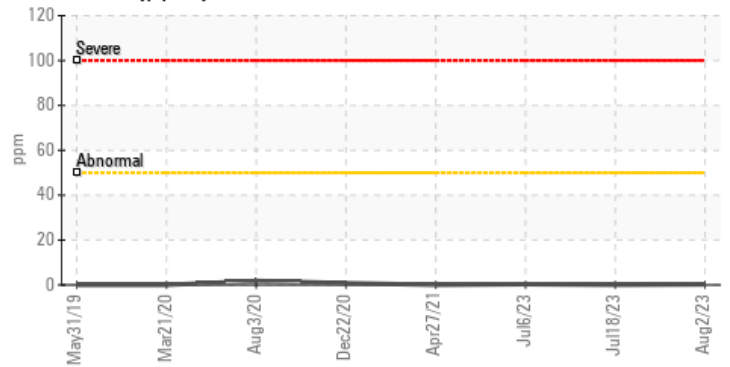


GRAPHS

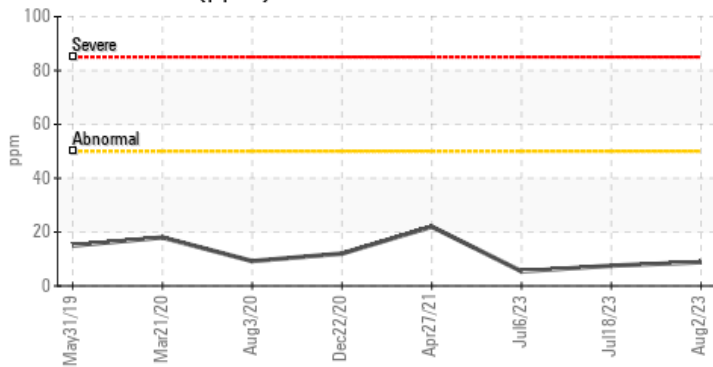
Iron (ppm)



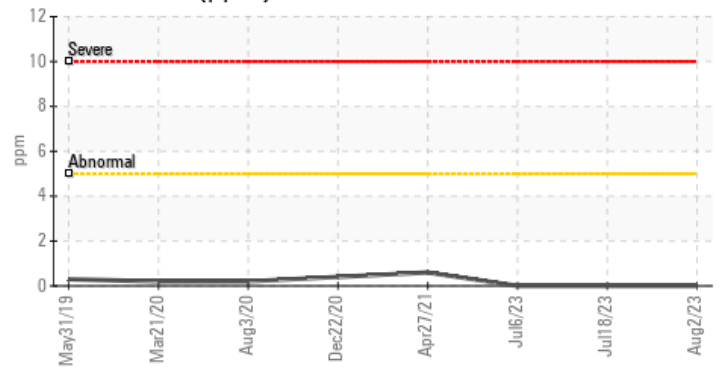
Lead (ppm)



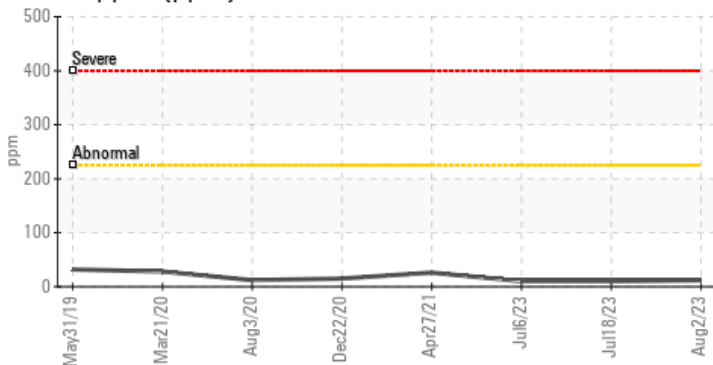
Aluminum (ppm)



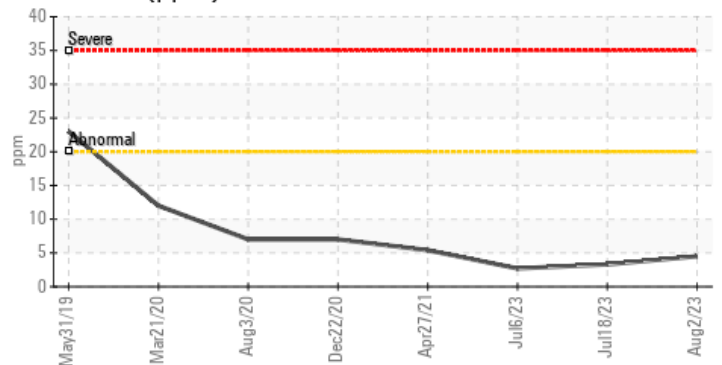
Chromium (ppm)



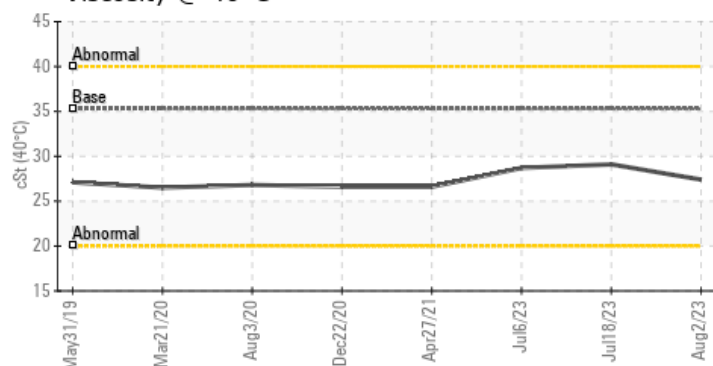
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

