



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - TRANSMISSION (AUTO)



Sample No: VCP406125

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP406125	VCP386180	VCP386544	VCP360978
Sample Date	01 Aug 2023	10 May 2023	28 Feb 2023	26 Oct 2022
Machine Hours	16113	15588	15032	14400
Oil Hours	525	556	623	691
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	28.8	28.7	28.7	28.8
-------------	-----	-------------	------	------	------



CONTAMINATION

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



WEAR METALS

Iron	ppm	5	6	6	6
Copper	ppm	3	3	3	5
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	6	7	10	10
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	105	93	81	82
Magnesium	ppm	2	2	2	<1
Zinc	ppm	11	9	6	0
Phosphorus	ppm	233	231	237	244
Barium	ppm	0	0	0	0
Boron	ppm	138	117	121	117

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: SCHGRE
Unique No: 10617715
Signed: Sean Felton
Report Date: 25 Aug 2023

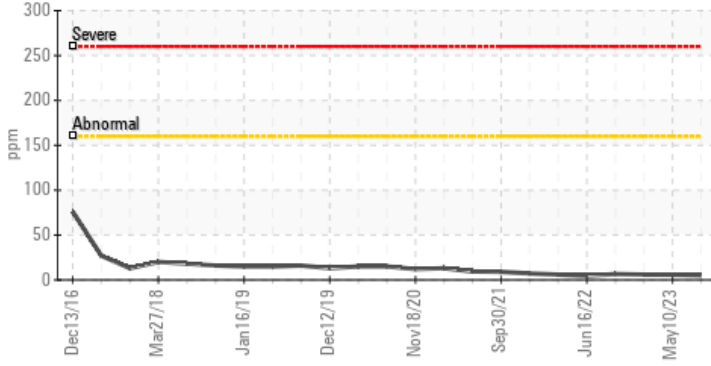


CONSTRUCTION EQUIPMENT

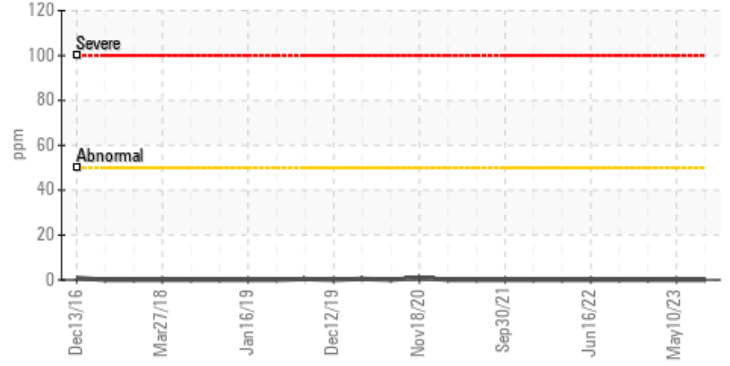


GRAPHS

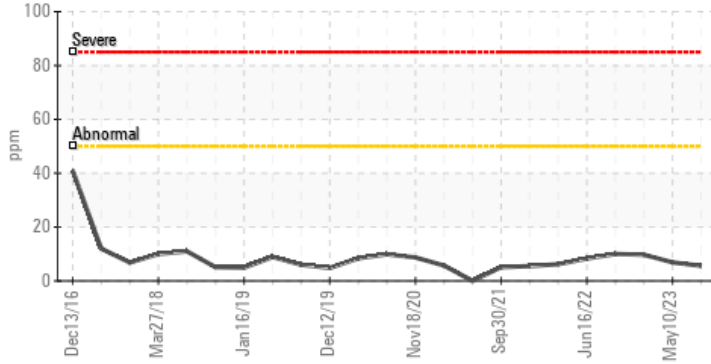
Iron (ppm)



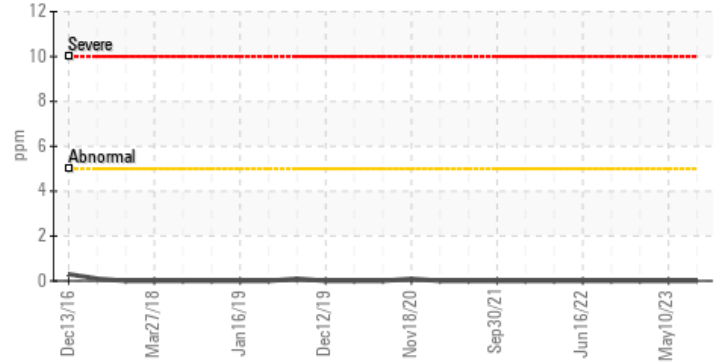
Lead (ppm)



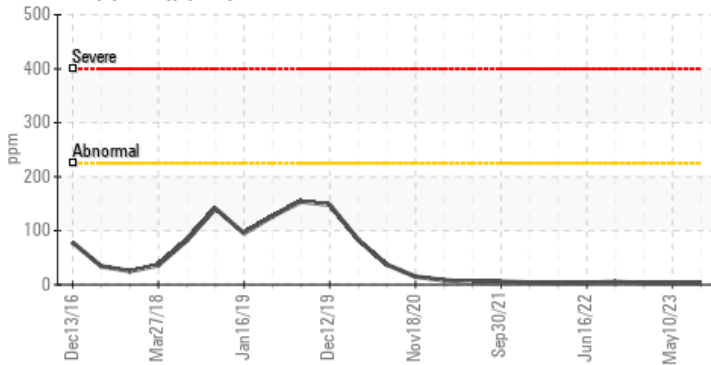
Aluminum (ppm)



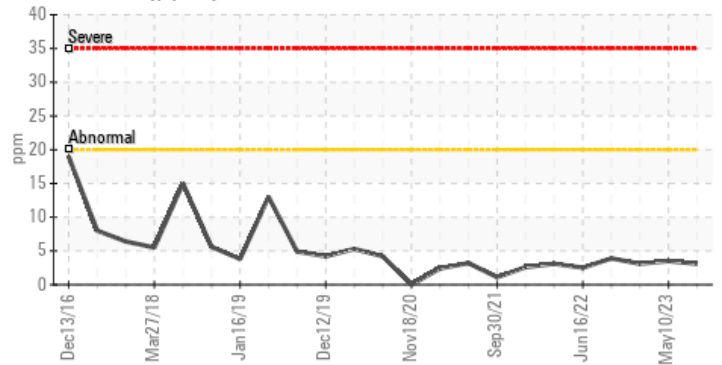
Chromium (ppm)



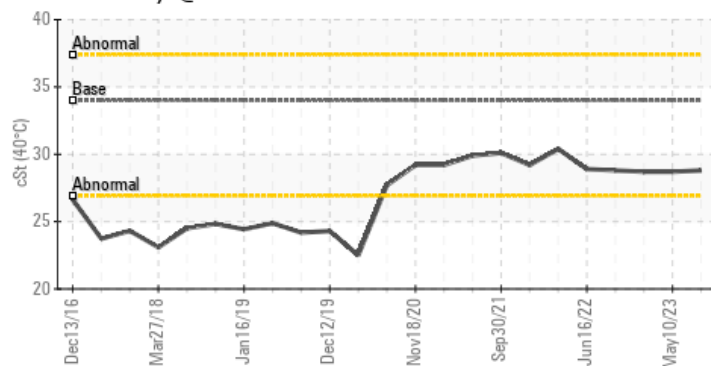
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

