



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - TRANSMISSION (AUTO)



Sample No: VCP416787

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP416787	VCP339710	VCP405981	VCP385231D
Sample Date	13 Feb 2024	07 Nov 2023	24 Aug 2023	30 May 2023
Machine Hours	7384	6865	6283	5702
Oil Hours	519	582	581	588
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	28.9	29.0	28.2	29.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	3	1
Sodium	ppm	3	3	4	2
Potassium	ppm	0	1	<1	<1

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	0	3	6	6
Copper	ppm	8	8	10	9
Lead	ppm	<1	0	0	0
Tin	ppm	<1	1	1	1
Aluminum	ppm	4	3	4	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	1	2	2	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	79	101	122	81
Magnesium	ppm	2	5	4	0
Zinc	ppm	0	0	12	0
Phosphorus	ppm	210	245	255	237
Barium	ppm	0	0	0	0
Boron	ppm	133	105	110	122

Depot: SCHGRE
Unique No: 10898784
Signed: Jonathan Hester
Report Date: 28 Feb 2024

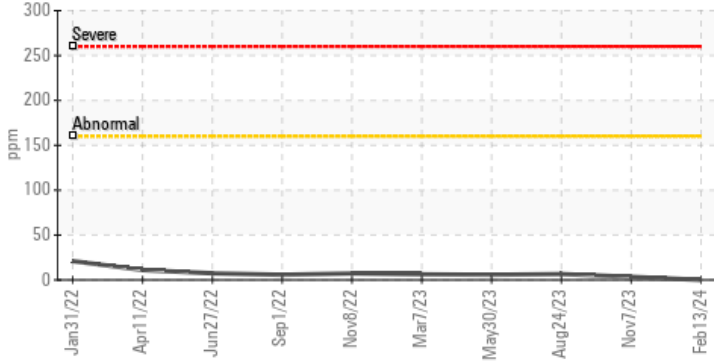


CONSTRUCTION EQUIPMENT

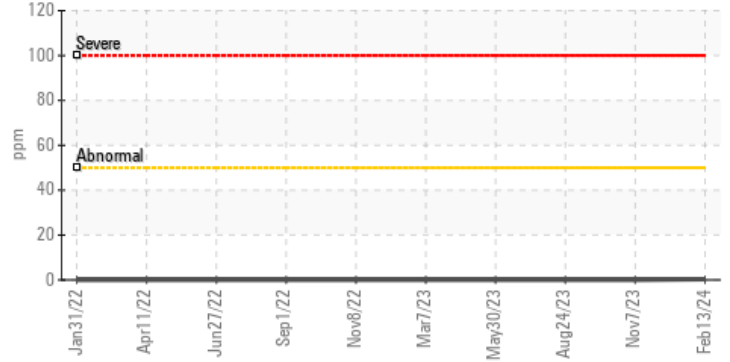


VOLVO GRAPHS

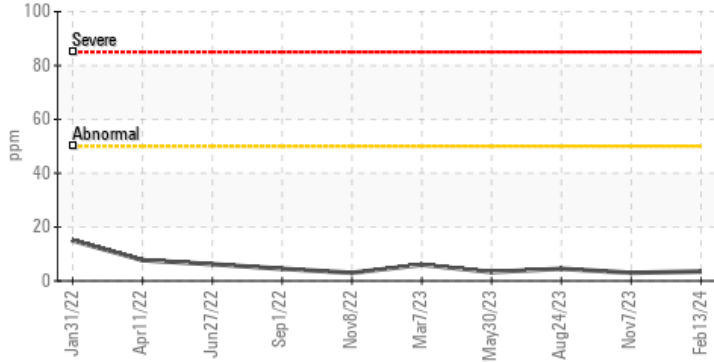
Iron (ppm)



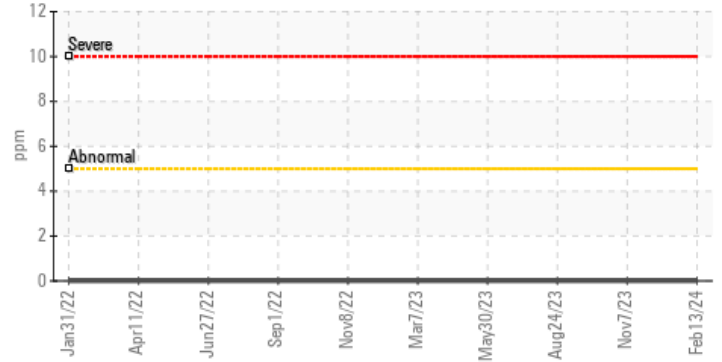
Lead (ppm)



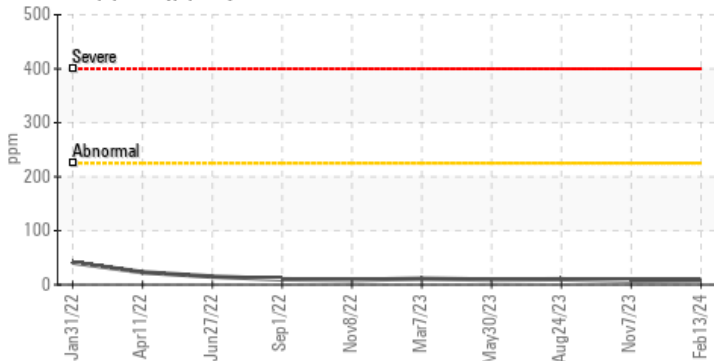
Aluminum (ppm)



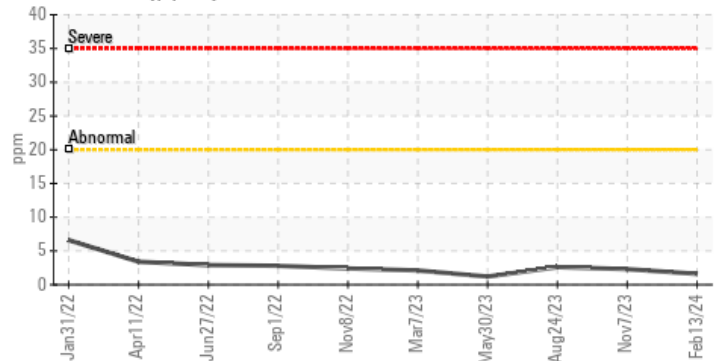
Chromium (ppm)



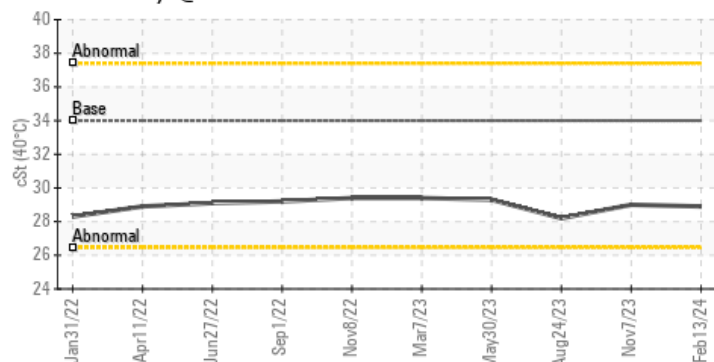
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

