



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - TRANSMISSION (AUTO)



Sample No: VCP405981

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP405981	VCP385231D	VCP362768	VCP359636
Sample Date	24 Aug 2023	30 May 2023	07 Mar 2023	08 Nov 2022
Machine Hours	6283	5702	5114	4473
Oil Hours	581	588	641	456
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	28.2	29.3	29.4	29.4
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	3	1	2	2
Sodium	ppm	4	2	2	0
Potassium	ppm	<1	<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	6	6	6	7
Copper	ppm	10	9	11	9
Lead	ppm	0	0	0	0
Tin	ppm	1	1	2	1
Aluminum	ppm	4	3	6	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	2	1	2	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	122	81	83	84
Magnesium	ppm	4	0	2	1
Zinc	ppm	12	0	6	7
Phosphorus	ppm	255	237	239	221
Barium	ppm	0	0	0	0
Boron	ppm	110	122	120	108

Depot: SCHGRE
Unique No: 10634566
Signed: Wes Davis
Report Date: 08 Sep 2023

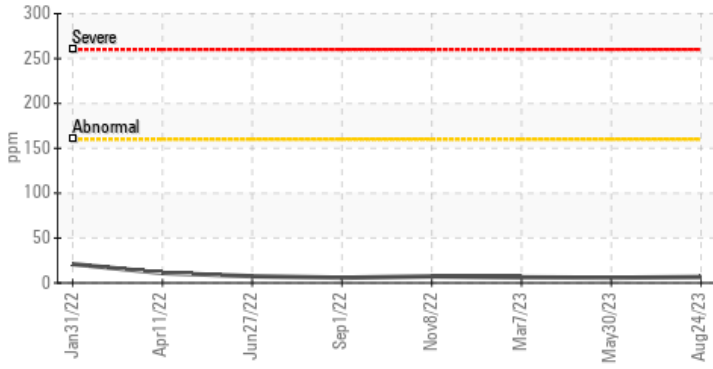


CONSTRUCTION EQUIPMENT

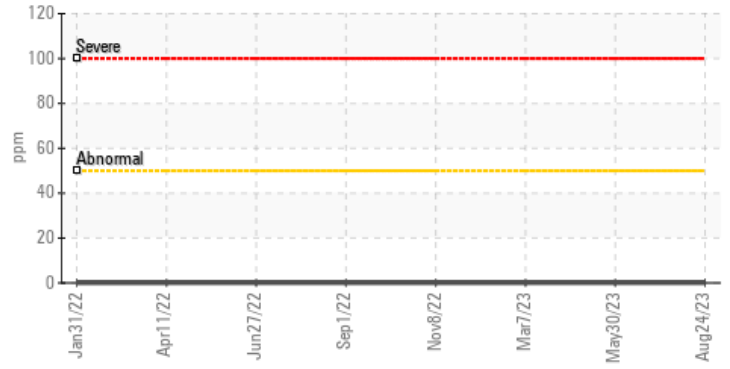


GRAPHS

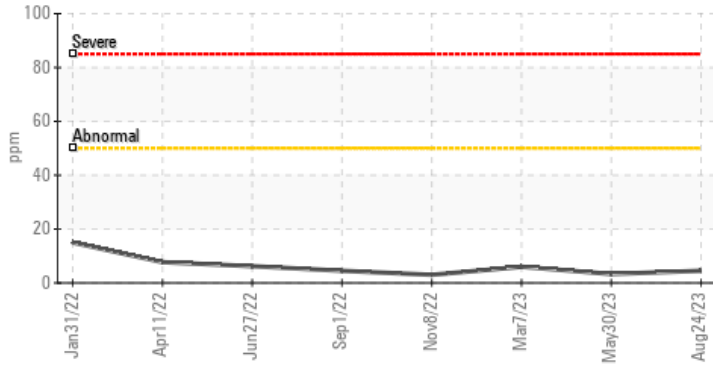
Iron (ppm)



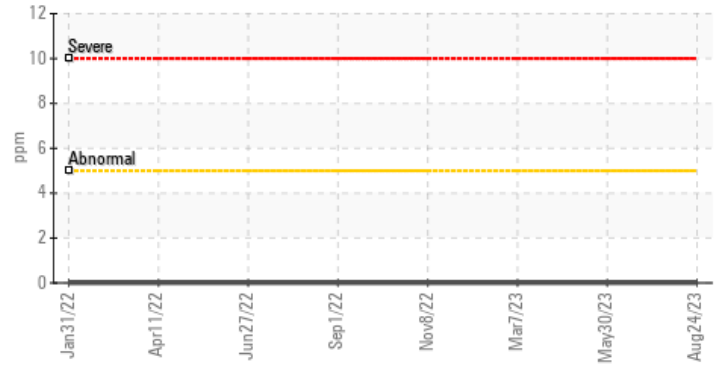
Lead (ppm)



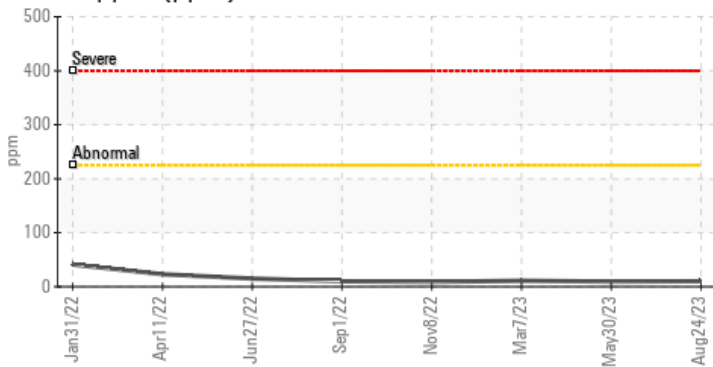
Aluminum (ppm)



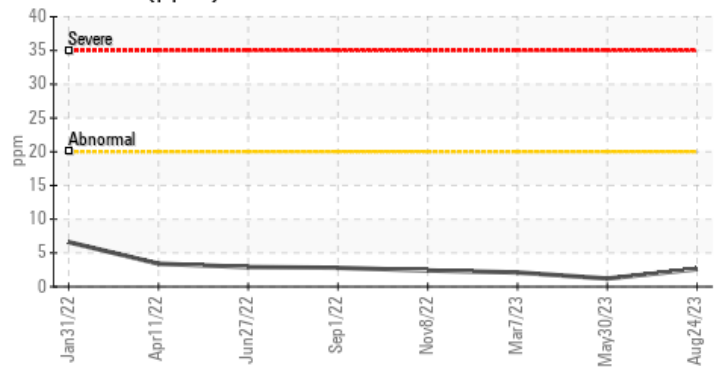
Chromium (ppm)



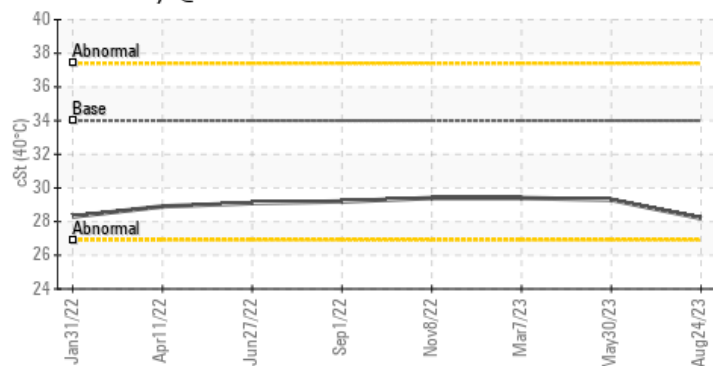
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

