



CONSTRUCTION EQUIPMENT

VOLVO A40G 342010 - TRANSMISSION (AUTO)



Sample No: VCP362688

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP362688	VCP312958	VCP379368	VCP384425
Sample Date	24 Oct 2023	12 Sep 2023	20 Jun 2023	27 Mar 2023
Machine Hours	8705	8374	7743	7115
Oil Hours	331	631	628	495
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	29.3	28.2	29.4	29.7
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CONTAMINATION

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

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	5	7	8	5
Copper	ppm	3	4	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	2	4	3
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	<1	0
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	98	116	82	93
Magnesium	ppm	2	4	0	8
Zinc	ppm	4	13	0	0
Phosphorus	ppm	238	245	248	239
Barium	ppm	0	0	0	0
Boron	ppm	118	115	132	113

Depot: SCHGRE
Unique No: 10724413
Signed: Don Baldrige
Report Date: 03 Nov 2023

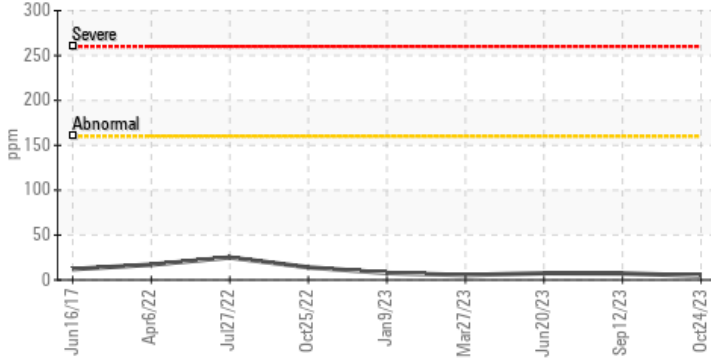


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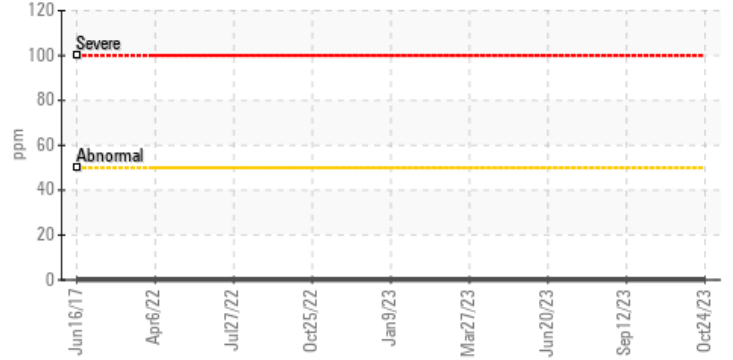


GRAPHS

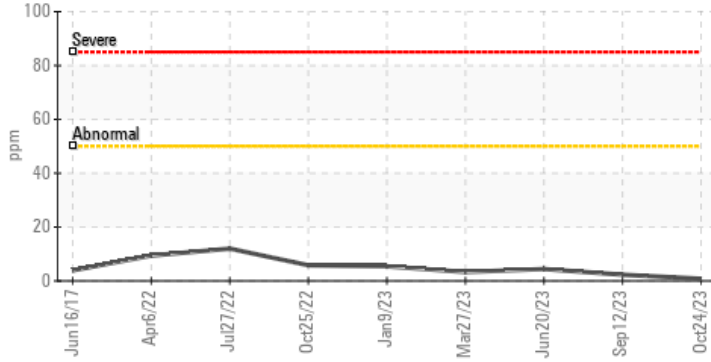
Iron (ppm)



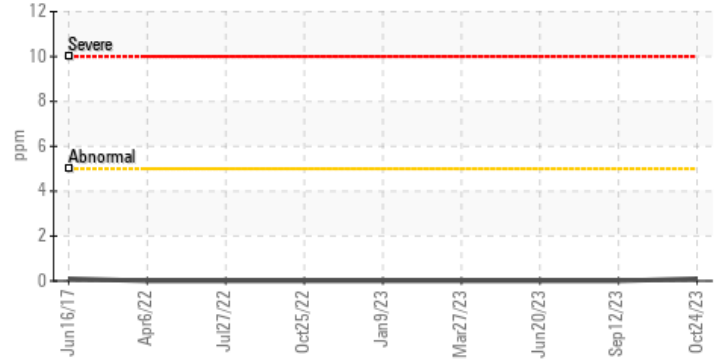
Lead (ppm)



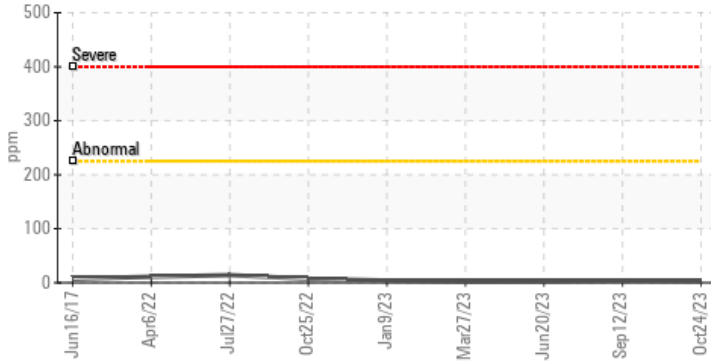
Aluminum (ppm)



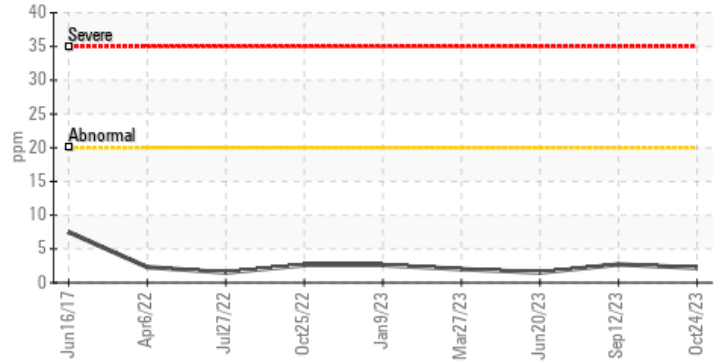
Chromium (ppm)



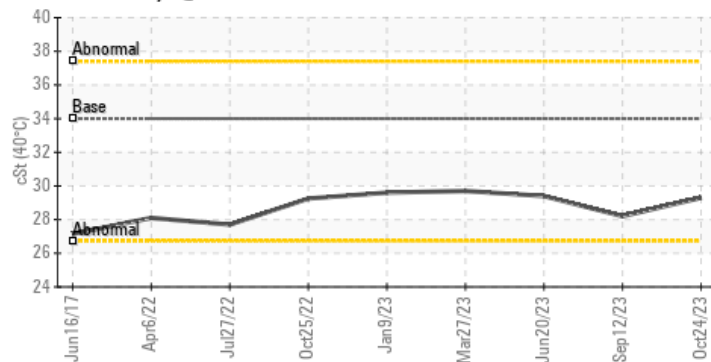
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

