



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - TRANSMISSION (AUTO)



Sample No: VCP378444
Oil Type: MOBIL MULTI-PURPOSE ATF
Job No:



SAMPLE INFORMATION

Sample Number	VCP378444	VCP400072	VCP384418	VCP373799
Sample Date	12 Sep 2023	20 Jun 2023	27 Mar 2023	09 Jan 2023
Machine Hours	16932	16355	15742	25295
Oil Hours	577	613	447	616
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
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 US 50849
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OIL CONDITION

Visc @ 40°C	cSt	27.6	28.9	28.9	33.8
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CONTAMINATION

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



WEAR METALS

Iron	ppm	6	6	4	8
Copper	ppm	3	1	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	3	5	4	5
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	113	84	86	82
Magnesium	ppm	2	0	8	<1
Zinc	ppm	11	0	0	0
Phosphorus	ppm	246	247	239	258
Barium	ppm	0	0	0	0
Boron	ppm	118	131	115	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: 10672344
Signed: Don Baldrige
Report Date: 03 Oct 2023

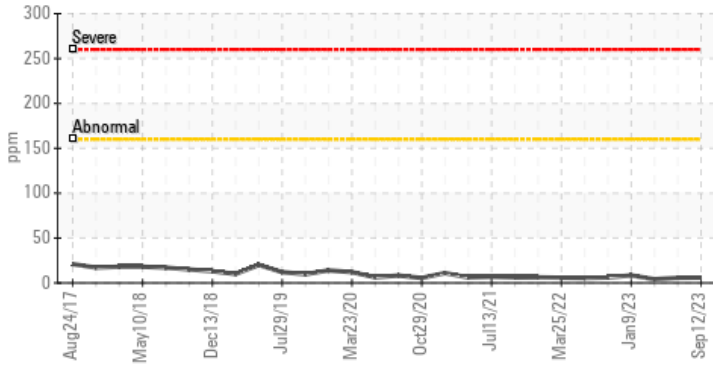


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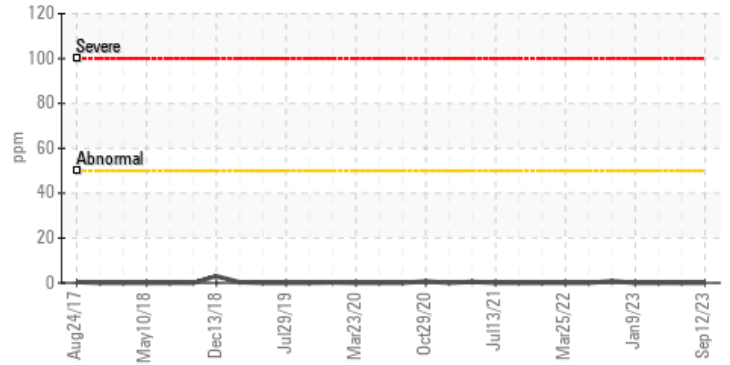


GRAPHS

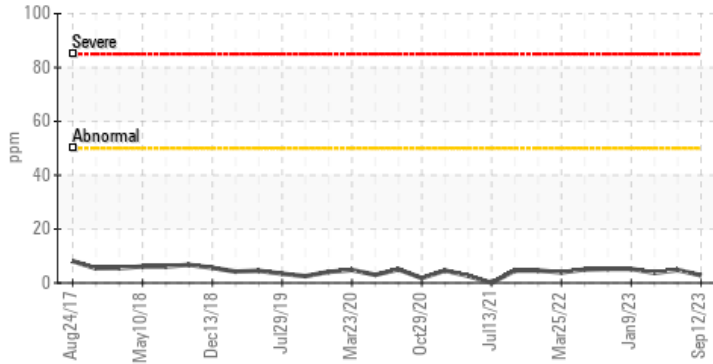
Iron (ppm)



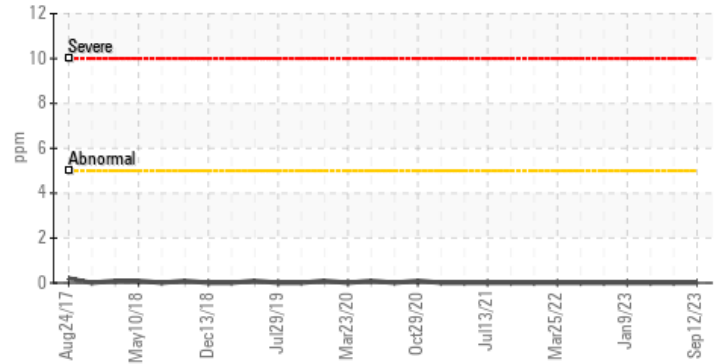
Lead (ppm)



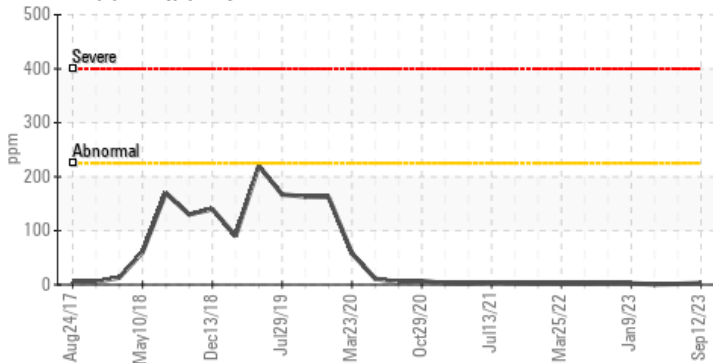
Aluminum (ppm)



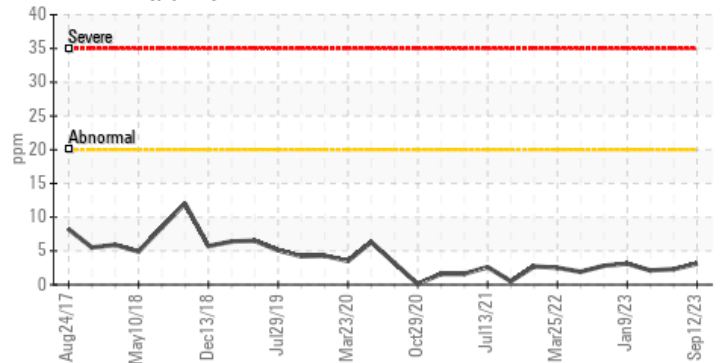
Chromium (ppm)



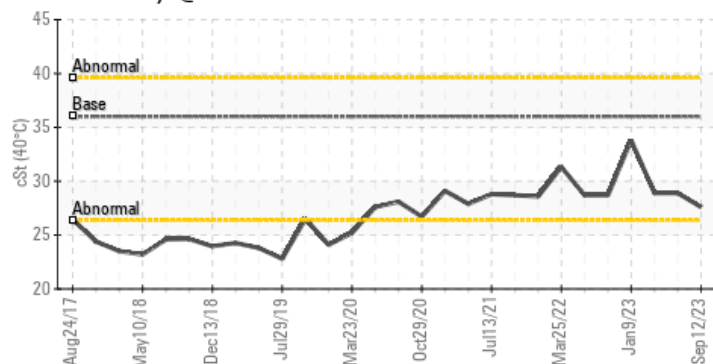
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

