



# CONSTRUCTION EQUIPMENT

## VOLVO A40F 12386 - TRANSMISSION (AUTO)



**Sample No:** VCP362618

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP362618</b>	VCP402903	VCP404894	VCP385092
Sample Date	<b>19 Oct 2023</b>	19 Jul 2023	02 May 2023	13 Feb 2023
Machine Hours	<b>11856</b>	11382	10948	10558
Oil Hours	<b>474</b>	434	390	462
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	30.3	35.3	29.3
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### CONTAMINATION

Silicon	ppm	<b>3</b>	3	4	4
Sodium	ppm	<b>0</b>	3	4	1
Potassium	ppm	<b>2</b>	2	0	2



### WEAR METALS

Iron	ppm	<b>11</b>	9	8	9
Copper	ppm	<b>83</b>	64	54	77
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>4</b>	4	2	5
Aluminum	ppm	<b>4</b>	4	3	7
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	2	2	2
Nickel	ppm	<b>1</b>	<1	<1	1
Titanium	ppm	<b>0</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>155</b>	242	274	227
Magnesium	ppm	<b>6</b>	18	17	14
Zinc	ppm	<b>27</b>	71	74	62
Phosphorus	ppm	<b>248</b>	268	286	283
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>108</b>	95	93	106

### 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:** 10724412  
**Signed:** Wes Davis  
**Report Date:** 02 Nov 2023



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## VOLVO GRAPHS

