



# CONSTRUCTION EQUIPMENT

## VOLVO A40F 12386 - DROP BOX



**Sample No:** VCP312987

**Oil Type:** MOBIL MOBILUBE HD 80W90

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP312987</b>	VCP404897	VCP366574	VCP320946
Sample Date	<b>19 Oct 2023</b>	22 Mar 2023	22 Aug 2022	16 Mar 2022
Machine Hours	<b>11856</b>	10781	9653	8571
Oil Hours	<b>1075</b>	1128	1082	878
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>129</b>	130	135	131
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### CONTAMINATION

Silicon	ppm	<b>4</b>	9	4	5
Sodium	ppm	<b>0</b>	<1	0	<1
Potassium	ppm	<b>1</b>	0	0	<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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>13</b>	40	21	23
Copper	ppm	<b>&lt;1</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	1	0
Aluminum	ppm	<b>&lt;1</b>	2	1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	2	1	4
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>389</b>	445	314	337
Magnesium	ppm	<b>6</b>	10	7	12
Zinc	ppm	<b>148</b>	166	126	142
Phosphorus	ppm	<b>1010</b>	951	959	1037
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>143</b>	156	181	166

**Depot:** SCHGRE  
**Unique No:** 10724405  
**Signed:** Wes Davis  
**Report Date:** 02 Nov 2023



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## VOLVO GRAPHS

