



# CONSTRUCTION EQUIPMENT

## 2801 VOLVO A40G 342373 - DROP BOX



**Sample No:** VCP400064  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** 2801



### SAMPLE INFORMATION

Sample Number	<b>VCP400064</b>	VCP385081	VCP366600	VCP320952
Sample Date	<b>19 Jul 2023</b>	13 Feb 2023	22 Aug 2022	15 Mar 2022
Machine Hours	<b>11379</b>	10345	9336	8230
Oil Hours	<b>1034</b>	1009	1106	1108
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	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	<b>133</b>	129	137	132
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Silicon	ppm	<b>2</b>	4	4	3
Sodium	ppm	<b>&lt;1</b>	<1	0	<1
Potassium	ppm	<b>&lt;1</b>	0	0	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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>19</b>	38	45	130
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	1	0
Aluminum	ppm	<b>0</b>	2	3	4
Chromium	ppm	<b>&lt;1</b>	<1	<1	2
Molybdenum	ppm	<b>1</b>	2	2	6
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>&lt;1</b>	1	<1	1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>374</b>	452	245	301
Magnesium	ppm	<b>7</b>	14	6	12
Zinc	ppm	<b>139</b>	159	101	123
Phosphorus	ppm	<b>938</b>	897	947	1011
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>162</b>	160	190	162

**Depot:** SCHGRE  
**Unique No:** 10586829  
**Signed:** Wes Davis  
**Report Date:** 04 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

