



# CONSTRUCTION EQUIPMENT

## 2806 VOLVO A40G 352025 - DROP BOX



**Sample No:** VCP402326  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** 2806



### SAMPLE INFORMATION

Sample Number	<b>VCP402326</b>	VCP379398	VCP359659	VCP342122
Sample Date	<b>13 Jul 2023</b>	16 Jan 2023	04 Aug 2022	08 Mar 2022
Machine Hours	<b>9075</b>	7948	6979	5941
Oil Hours	<b>1127</b>	969	1038	962
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	SEVERE	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>137</b>	137	134	133
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	---	1.37	---	---
Silicon	ppm	<b>3</b>	5	8	6
Sodium	ppm	<b>1</b>	<1	4	<1
Potassium	ppm	<b>2</b>	1	6	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>102</b>	86	158	83
Copper	ppm	<b>18</b>	11	14	<1
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>3</b>	5	10	5
Chromium	ppm	<b>1</b>	1	2	1
Molybdenum	ppm	<b>16</b>	16	23	9
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<b>0</b>	0	4	<1
Manganese	ppm	<b>3</b>	2	5	<1
Vanadium	ppm	<1	0	0	0



### ADDITIVES

Calcium	ppm	<b>114</b>	131	138	210
Magnesium	ppm	<b>16</b>	9	16	21
Zinc	ppm	<b>135</b>	137	255	92
Phosphorus	ppm	<b>924</b>	929	1003	1023
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>68</b>	134	152	178

**Depot:** SCHGRE  
**Unique No:** 10586835  
**Signed:** Don Baldrige  
**Report Date:** 04 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

