



# CONSTRUCTION EQUIPMENT

REGION OF PEEL 8-385688 VOLVO L60H 622564 - DIESEL ENGINE



**Sample No:** VCP394600  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 8-385688



## SAMPLE INFORMATION

Sample Number	<b>VCP394600</b>	VCP394959	VCP382428	VCP347102
Sample Date	<b>20 Nov 2023</b>	11 Jul 2023	07 Feb 2023	01 Sep 2022
Machine Hours	<b>3005</b>	2520	1996	1548
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
 MISSISSAUGA, ON  
 CA L4W 4L4

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## OIL CONDITION

Visc @ 100°C	cSt	<b>12.4</b>	12.5	12.7	13.3
Oxidation (PA)	%	<b>96</b>	87	87	34



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Soot %	%	<b>0.6</b>	0.6	0.1	0
Nitration (PA)	%	<b>69</b>	71	66	32
Sulfation (PA)	%	<b>71</b>	67	69	42
Glycol	%	<b>NEG</b>	NEG	NEG	NEG
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	<1.0
Silicon	ppm	<b>6</b>	7	8	6
Sodium	ppm	<b>3</b>	3	3	3
Potassium	ppm	<b>0</b>	<1	<1	<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>12</b>	17	9	12
Copper	ppm	<b>&lt;1</b>	1	<1	1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	1	1	1
Aluminum	ppm	<b>3</b>	4	4	4
Chromium	ppm	<b>&lt;1</b>	1	<1	<1
Molybdenum	ppm	<b>39</b>	40	44	38
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>1656</b>	1678	1795	1649
Magnesium	ppm	<b>484</b>	511	509	485
Zinc	ppm	<b>1050</b>	1073	1121	1057
Phosphorus	ppm	<b>906</b>	965	1039	967
Barium	ppm	<b>&lt;1</b>	0	0	<1
Boron	ppm	<b>32</b>	36	44	33

**Depot:** SHEMIS  
**Unique No:** 5683459  
**Signed:** Wes Davis  
**Report Date:** 23 Nov 2023



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## VOLVO GRAPHS

