



# CONSTRUCTION EQUIPMENT

REGION OF PEEL 8-371245 VOLVO L60H 622562 - DIESEL ENGINE



**Sample No:** VCP394976  
**Oil Type:** DIESEL ENGINE OIL SAE 30  
**Job No:** 8-371245



## SAMPLE INFORMATION

Sample Number	<b>VCP394976</b>	VCP352638	VCP352283	VCP333842
Sample Date	<b>12 Jul 2023</b>	22 Feb 2023	28 Sep 2022	18 May 2022
Machine Hours	<b>2518</b>	1998	1525	1010
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>13.0</b>	13.1	13.2	13.1
Oxidation (PA)	%	<b>83</b>	86	86	83



## CONTAMINATION

Soot %	%	<b>0.2</b>	0	0.2	0
Nitration (PA)	%	<b>59</b>	60	62	61
Sulfation (PA)	%	<b>63</b>	69	65	67
Glycol	%	<b>NEG</b>	NEG	NEG	NEG
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	<1.0
Silicon	ppm	<b>5</b>	5	7	7
Sodium	ppm	<b>3</b>	3	3	3
Potassium	ppm	<b>&lt;1</b>	<1	<1	<1



## WEAR METALS

Iron	ppm	<b>11</b>	10	16	13
Copper	ppm	<b>&lt;1</b>	<1	1	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	<1	1	2
Aluminum	ppm	<b>4</b>	4	5	5
Chromium	ppm	<b>&lt;1</b>	<1	<1	1
Molybdenum	ppm	<b>40</b>	41	41	39
Nickel	ppm	<b>&lt;1</b>	<1	0	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>1683</b>	1838	1773	1679
Magnesium	ppm	<b>514</b>	510	512	519
Zinc	ppm	<b>1084</b>	1112	1102	1098
Phosphorus	ppm	<b>974</b>	1031	998	953
Barium	ppm	<b>0</b>	0	<1	<1
Boron	ppm	<b>38</b>	46	33	51

### 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.

**Depot:** SHEMIS  
**Unique No:** 5615898  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2023



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## GRAPHS

