



# CONSTRUCTION EQUIPMENT

## TECHNO-PREX 622493 VOLVO L60H 622493 - DIESEL ENGINE



**Sample No:** VCP394550  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 622493



### SAMPLE INFORMATION

Sample Number	<b>VCP394550</b>	VCP392048	VCP381398	VCP352644
Sample Date	<b>14 Mar 2024</b>	15 Nov 2023	07 Feb 2023	12 Sep 2022
Machine Hours	<b>4517</b>	4027	2736	2153
Oil Hours	<b>500</b>	500	500	500
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



### STRONGCO EQUIPMENT INC (STE- FOY)

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### OIL CONDITION

Visc @ 100°C	cSt	<b>13.1</b>	13.4	13.2	13.3
Oxidation (PA)	%	<b>82</b>	84	81	71



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Soot %	%	<b>0.1</b>	0.3	0.1	0.1
Nitration (PA)	%	<b>60</b>	69	63	55
Sulfation (PA)	%	<b>61</b>	63	66	60
Glycol	%	<b>NEG</b>	NEG	NEG	NEG
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	<1.0
Silicon	ppm	<b>3</b>	4	7	6
Sodium	ppm	<b>2</b>	3	2	3
Potassium	ppm	<b>0</b>	0	<1	0

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



### WEAR METALS

Iron	ppm	<b>8</b>	10	13	11
Copper	ppm	<b>&lt;1</b>	1	<1	<1
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>3</b>	4	6	4
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>41</b>	43	41	43
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1680</b>	1720	1751	1746
Magnesium	ppm	<b>509</b>	519	507	520
Zinc	ppm	<b>1077</b>	1090	1119	1135
Phosphorus	ppm	<b>917</b>	933	1040	1033
Barium	ppm	<b>0</b>	<1	0	0
Boron	ppm	<b>42</b>	30	45	37

**Depot:** VOLVO0228  
**Unique No:** 5749668  
**Signed:** Wes Davis  
**Report Date:** 26 Mar 2024



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## GRAPHS

