



# CONSTRUCTION EQUIPMENT

GDS POINTE A LA CROIX 378673 VOLVO L90H 625880 - DIESEL ENGINE



**Sample No:** VCP380407  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 378673



## SAMPLE INFORMATION

Sample Number	<b>VCP380407</b>	VCP391951	VCP392334	VCP382436
Sample Date	<b>19 Sep 2023</b>	06 Jul 2023	04 Apr 2023	24 Jan 2023
Machine Hours	<b>8038</b>	7358	6887	6092
Oil Hours	<b>0</b>	500	0	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>12.8</b>	12.9	13.3	13.4
Oxidation (PA)	%	<b>78</b>	79	90	85



## CONTAMINATION

Soot %	%	<b>0.1</b>	0	0	0
Nitration (PA)	%	<b>61</b>	59	72	63
Sulfation (PA)	%	<b>59</b>	60	71	69
Glycol	%	<b>NEG</b>	NEG	NEG	NEG
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	<1.0
Silicon	ppm	<b>7</b>	6	4	4
Sodium	ppm	<b>3</b>	3	3	2
Potassium	ppm	<b>0</b>	0	0	<1



## WEAR METALS

Iron	ppm	<b>11</b>	10	11	7
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>	3	3	3
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>46</b>	41	42	46
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>1867</b>	1655	1838	1741
Magnesium	ppm	<b>559</b>	508	529	505
Zinc	ppm	<b>1226</b>	1065	1129	1090
Phosphorus	ppm	<b>1019</b>	960	1014	1002
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>25</b>	29	32	63

### 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.

**Depot:** VOLVO0228  
**Unique No:** 5670674  
**Signed:** Wes Davis  
**Report Date:** 02 Nov 2023



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## GRAPHS

