



# CONSTRUCTION EQUIPMENT

GDS POINTE A LA CROIX 391060 VOLVO L90H 625880 - DIESEL ENGINE



**Sample No:** VCP393173  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 391060



## SAMPLE INFORMATION

Sample Number	<b>VCP393173</b>	VCP392135	VCP380407	VCP391951
Sample Date	<b>18 Jan 2024</b>	14 Nov 2023	19 Sep 2023	06 Jul 2023
Machine Hours	<b>9319</b>	8590	8038	7358
Oil Hours	<b>0</b>	0	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>13.0</b>	12.8	12.8	12.9
Oxidation (PA)	%	<b>88</b>	85	78	79



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Soot %	%	<b>0.1</b>	0.1	0.1	0
Nitration (PA)	%	<b>68</b>	62	61	59
Sulfation (PA)	%	<b>63</b>	63	59	60
Glycol	%	<b>NEG</b>	NEG	NEG	NEG
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	<1.0
Silicon	ppm	<b>6</b>	6	7	6
Sodium	ppm	<b>3</b>	3	3	3
Potassium	ppm	<b>1</b>	0	0	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>11</b>	9	11	10
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>3</b>	2	3	3
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>40</b>	40	46	41
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>0</b>	0	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>1727</b>	1710	1867	1655
Magnesium	ppm	<b>508</b>	505	559	508
Zinc	ppm	<b>1077</b>	1086	1226	1065
Phosphorus	ppm	<b>934</b>	920	1019	960
Barium	ppm	<b>0</b>	<1	<1	0
Boron	ppm	<b>29</b>	32	25	29

**Depot:** VOLVO0228  
**Unique No:** 5720183  
**Signed:** Wes Davis  
**Report Date:** 25 Jan 2024



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## GRAPHS

