



CONSTRUCTION EQUIPMENT

211039 VOLVO 311570 - DIESEL ENGINE



Sample No: VCP242633

Oil Type: VOLVO

Job No: 211039



SAMPLE INFORMATION

Sample Number	VCP242633	---	---	---
Sample Date	14 Aug 2019	---	---	---
Machine Hours	1074	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Oxidation (PA)	%	█ 85	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 65	---	---	---
Sulfation (PA)	%	█ 67	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ < 1	---	---	---

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 le l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 147	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1697	---	---	---
Magnesium	ppm	█ 499	---	---	---
Zinc	ppm	█ 938	---	---	---
Phosphorus	ppm	█ 774	---	---	---
Barium	ppm	█ < 1	---	---	---
Boron	ppm	█ 21	---	---	---

Depot: VOLVO0228
Unique No: 4914239
Signed: Wes Davis
Report Date: 16 Aug 2019



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GRAPHS

