



CONSTRUCTION EQUIPMENT

269749 VOLVO EC380E 3 10693 - DIESEL ENGINE



Sample No: VCP274126
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 269749



SAMPLE INFORMATION

Sample Number	VCP274126	VCP274015	---	---
Sample Date	11 Jan 2021	20 Aug 2020	---	---
Machine Hours	2260	0	---	---
Oil Hours	0	500	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.7	12.0	---	---
Oxidation (PA)	%	57	62	---	---



CONTAMINATION

Soot %	%	0	0	---	---
Nitration (PA)	%	55	63	---	---
Sulfation (PA)	%	51	54	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	1	---	---
Silicon	ppm	4	7	---	---
Sodium	ppm	1	<1	---	---
Potassium	ppm	<1	1	---	---



WEAR METALS

Iron	ppm	4	8	---	---
Copper	ppm	2	26	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	51	54	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1054	1208	---	---
Magnesium	ppm	912	806	---	---
Zinc	ppm	1193	1196	---	---
Phosphorus	ppm	970	984	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	6	9	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

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Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5161092
Signed: Wes Davis
Report Date: 14 Jan 2021



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GRAPHS

