



CONSTRUCTION EQUIPMENT

298562 VOLVO EC300E 312374 - DIESEL ENGINE



Sample No: VCP297821
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 298562



SAMPLE INFORMATION

Sample Number	VCP297821	---	---	---
Sample Date	14 Sep 2021	---	---	---
Machine Hours	3522	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Oxidation (PA)	%	█ 88	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 84	---	---	---
Sulfation (PA)	%	█ 64	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 12	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 35	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1566	---	---	---
Magnesium	ppm	█ 717	---	---	---
Zinc	ppm	█ 1120	---	---	---
Phosphorus	ppm	█ 985	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 28	---	---	---

Depot: VOLVO0228
Unique No: 5279998
Signed: Wes Davis
Report Date: 17 Sep 2021



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GRAPHS

