



CONSTRUCTION EQUIPMENT

384291 VOLVO ECR355EL 314717 - DIESEL ENGINE



Sample No: VCP380335
Oil Type: VOLVO 10W40
Job No: 384291



SAMPLE INFORMATION

Sample Number	VCP380335	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	980	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	---	---	---
Oxidation (PA)	%	█ 54	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 63	---	---	---
Sulfation (PA)	%	█ 57	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 6	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. 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	█ 20	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	█ 8	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1904	---	---	---
Magnesium	ppm	█ 394	---	---	---
Zinc	ppm	█ 1128	---	---	---
Phosphorus	ppm	█ 978	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: VOLVO0228
Unique No: 5697945
Signed: Wes Davis
Report Date: 22 Dec 2023



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GRAPHS

