



CONSTRUCTION EQUIPMENT

329492 VOLVO EC350EL 314444 - DIESEL ENGINE



Sample No: VCP347030
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 329492



SAMPLE INFORMATION

Sample Number	VCP347030	---	---	---
Sample Date	23 Jun 2022	---	---	---
Machine Hours	8	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	▲ 11.2	---	---	---
Oxidation (PA)	%	51	---	---	---



CONTAMINATION

Soot %	%	■ 0	---	---	---
Nitration (PA)	%	■ 60	---	---	---
Sulfation (PA)	%	■ 53	---	---	---
Glycol	%	■ NEG	---	---	---
Fuel	%	■ 0.7	---	---	---
Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 7	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 82	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2195	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 1111	---	---	---
Phosphorus	ppm	■ 987	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 73	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 30; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5421871
Signed: Kevin Marson
Report Date: 28 Jun 2022



CONSTRUCTION EQUIPMENT



GRAPHS

