



CONSTRUCTION EQUIPMENT

ENT. MICHAUD 379179 VOLVO EC300E 317168 - DIESEL ENGINE



Sample No: VCP380432
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 379179



SAMPLE INFORMATION

Sample Number	VCP380432	---	---	---
Sample Date	06 Oct 2023	---	---	---
Machine Hours	7	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	10.6	---	---	---
Oxidation (PA)	%	70	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.4	---	---	---
Silicon	ppm	22	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	23	---	---	---



WEAR METALS

Iron	ppm	16	---	---	---
Copper	ppm	489	---	---	---
Lead	ppm	15	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	84	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2375	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	1214	---	---	---
Phosphorus	ppm	1030	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	28	---	---	---

Diagnosis

Aucune mesure corrective n'est recommandée pour l'instant. 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. La teneur en carburant est négligeable. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. 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: 5669454
Signed: Kevin Marson
Report Date: 30 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

