



CONSTRUCTION EQUIPMENT

389481 VOLVO EC250E 3 16668 - DIESEL ENGINE



Sample No: VCP392041
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 389481



SAMPLE INFORMATION

Sample Number	VCP392041	---	---	---
Sample Date	29 Jan 2024	---	---	---
Machine Hours	1007	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Oxidation (PA)	%	█ 57	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 79	---	---	---
Sulfation (PA)	%	█ 51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 14	---	---	---

WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	▲ 349	---	---	---
Lead	ppm	█ 9	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 89	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 2246	---	---	---
Magnesium	ppm	█ 28	---	---	---
Zinc	ppm	█ 1158	---	---	---
Phosphorus	ppm	█ 1014	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 48	---	---	---

Diagnosis

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure de palier. 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. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: VOLVO0228
Unique No: 5722130
Signed: Bill Quesnel
Report Date: 02 Feb 2024



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VOLVO GRAPHS

