



CONSTRUCTION EQUIPMENT

RAYMOND DENIS 388270 VOLVO EC200E 314297 - DIESEL ENGINE



Sample No: VCP392805
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 388270



SAMPLE INFORMATION

Sample Number	VCP392805	---	---	---
Sample Date	08 Dec 2023	---	---	---
Machine Hours	3445	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	73.4	---	---	---
Oxidation (PA)	%	126	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.9	---	---	---
Nitration (PA)	%	368	---	---	---
Sulfation (PA)	%	0	---	---	---
Glycol	%	>.70	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	3850	---	---	---
Potassium	ppm	145	---	---	---



WEAR METALS

Iron	ppm	43	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	12	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	641	---	---	---
Magnesium	ppm	624	---	---	---
Zinc	ppm	796	---	---	---
Phosphorus	ppm	639	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	7	---	---	---

Diagnosis

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure de piston. Le test de glycol est positif. Concentration élevée de glycol dans l'huile. Concentration modérée d'eau dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: VOLVO0228
Unique No: 5695811
Signed: Kevin Marson
Report Date: 14 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

