



CONSTRUCTION EQUIPMENT

322756 VOLVO ECR145E 315109 - DIESEL ENGINE



Sample No: VCP221961
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 322756



SAMPLE INFORMATION

Sample Number	VCP221961	---	---	---
Sample Date	02 May 2022	---	---	---
Machine Hours	413	---	---	---
Oil Hours	413	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment

5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Villamor Pingol
 vpingol@strongco.com
 T: (519)744-3518
 F: (519)744-3284



OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Oxidation (PA)	%	█ 43	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 61	---	---	---
Sulfation (PA)	%	█ 53	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 41	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 22	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ 9	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2221	---	---	---
Magnesium	ppm	█ 59	---	---	---
Zinc	ppm	█ 1018	---	---	---
Phosphorus	ppm	█ 967	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: CASKIT
Unique No: 5398930
Signed: Wes Davis
Report Date: 25 May 2022



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GRAPHS

