



CONSTRUCTION EQUIPMENT

8000379768 VOLVO EC300EL 316765 - DIESEL ENGINE



Sample No: VCP394278
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8000379768



SAMPLE INFORMATION

Sample Number	VCP394278	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	2027	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Joseph St Peter
 jstpeter@strongco.com
 T: (403)346-3473
 F: (403)346-3487



OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Oxidation (PA)	%	█ 80	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 60	---	---	---
Sulfation (PA)	%	█ 62	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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	█ 7	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1761	---	---	---
Magnesium	ppm	█ 537	---	---	---
Zinc	ppm	█ 1100	---	---	---
Phosphorus	ppm	█ 922	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 36	---	---	---

Depot: VOLVO9652
Unique No: 5659645
Signed: Wes Davis
Report Date: 20 Oct 2023



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GRAPHS

