



CONSTRUCTION EQUIPMENT

VOLVO BC300E 310371 - DIESEL ENGINE



Sample No: VCE244935
Oil Type: TOTAL FINA RUBIA TIR 7900 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCE244935	---	---	---
Sample Date	17 Jul 2020	---	---	---
Machine Hours	3163	---	---	---
Oil Hours	200	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT
 655 MOUNTDALE AVENUE
 THUNDER BAY, ON
 CA P7E 6E5
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Oxidation (PA)	%	█ 53	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 77	---	---	---
Sulfation (PA)	%	█ 63	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 6	---	---	---
Copper	ppm	█ 48	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 90	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2136	---	---	---
Magnesium	ppm	█ 35	---	---	---
Zinc	ppm	█ 1136	---	---	---
Phosphorus	ppm	█ 994	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 66	---	---	---

Depot: CHATHU
Unique No: 5081271
Signed: Wes Davis
Report Date: 21 Jul 2020



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GRAPHS

