



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 310558 - FRONT LEFT FINAL DRIVE



Sample No: VCP259172

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP259172	---	---	---
Sample Date	25 Sep 2019	---	---	---
Machine Hours	1696	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	177	---	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	▲ 78	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 197	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 11	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	114	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	<1	---	---	---
Phosphorus	ppm	104	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0096
Unique No: 8760120
Signed: Don Baldrige
Report Date: 30 Sep 2019



CONSTRUCTION EQUIPMENT



GRAPHS

