



CONSTRUCTION EQUIPMENT

W121275 SENECA STONE VOLVO EC460B 11065 - RIGHT SWING DRIVE



Sample No: VCP214337
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: W121275 SENECA STONE



SAMPLE INFORMATION

Sample Number	VCP214337	VCP213585	VCP205212	---
Sample Date	25 Jan 2019	30 Jan 2018	24 Jan 2017	---
Machine Hours	9210	8939	12083	---
Oil Hours	750	2000	0	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: TOM JOYCE
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OIL CONDITION

Visc @ 40°C	cSt	137.0	124.6	178.6	---
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CONTAMINATION

Water	%	0.107	---	0.846	---
Silicon	ppm	7	6	14	---
Sodium	ppm	3	5	1	---
Potassium	ppm	<1	1	2	---



WEAR METALS

Iron	ppm	90	278	453	---
Copper	ppm	9	9	18	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	<1	2	4	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	430	23	24	---
Magnesium	ppm	5	2	<1	---
Zinc	ppm	181	31	22	---
Phosphorus	ppm	825	881	937	---
Barium	ppm	0	0	<1	---
Boron	ppm	152	186	222	---

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.

Depot: VOLV00142
Unique No: 8484587
Signed: Don Baldrige
Report Date: 05 Feb 2019



CONSTRUCTION EQUIPMENT



GRAPHS

