



CONSTRUCTION EQUIPMENT

VOLVO A40F 12311 - REAR AXLE



Sample No: VCP260919

Oil Type: SAE 75W90

Job No:



SAMPLE INFORMATION

Sample Number	VCP260919	---	---	---
Sample Date	22 Nov 2019	---	---	---
Machine Hours	5992	---	---	---
Oil Hours	1873	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	▲ 61.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 278	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	6	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	24	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 54	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 17	---	---	---
Phosphorus	ppm	■ 1436	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 177	---	---	---

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. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908

Unique No: 4967440

Signed: Kevin Marson

Report Date: 03 Dec 2019



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GRAPHS

