



CONSTRUCTION EQUIPMENT

W123633 VOLVO EC380E 311723 - GEARBOX



Sample No: VCP277958
Oil Type: VOLVO AXLE
Job No: W123633



SAMPLE INFORMATION

Sample Number	VCP277958	---	---	---
Sample Date	26 Mar 2020	---	---	---
Machine Hours	522	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	182	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	15	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	7	---	---	---



WEAR METALS

Iron	ppm	272	---	---	---
Copper	ppm	21	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	11	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	442	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for possible wear. Resample at the next service interval to monitor. High concentration of visible metal present. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0142
Unique No: 8994196
Signed: Don Baldrige
Report Date: 14 Apr 2020

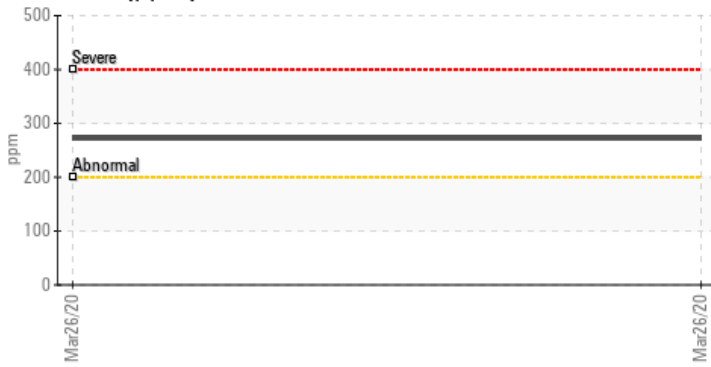


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GRAPHS

Iron (ppm)



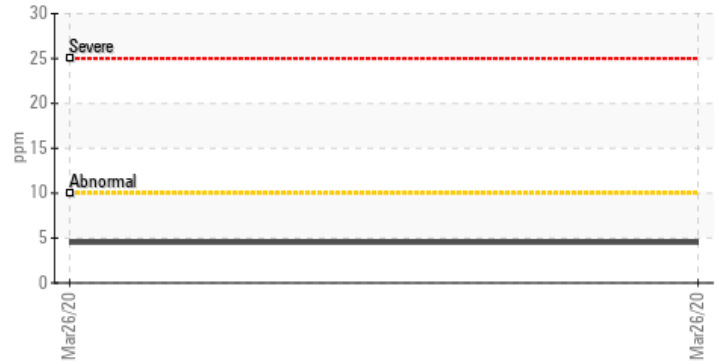
Lead (ppm)



Aluminum (ppm)



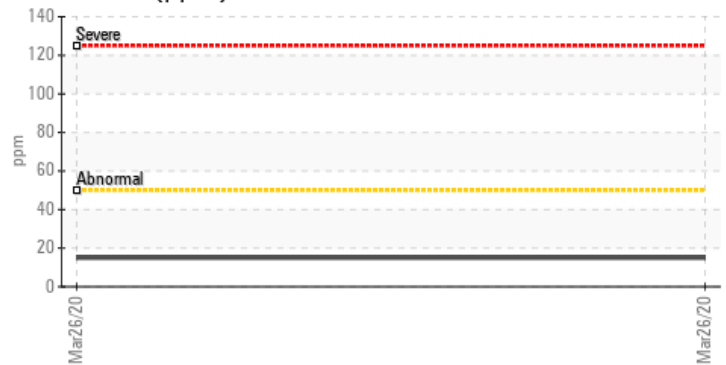
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C

