



CONSTRUCTION EQUIPMENT

W02003743 VOLVO EC380 311723 - DIESEL ENGINE



Sample No: VCP290040
Oil Type: MOBIL 15W40
Job No: W02003743



MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS
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SAMPLE INFORMATION

Sample Number	VCP290040	---	---	---
Sample Date	16 Nov 2020	---	---	---
Machine Hours	1323	---	---	---
Oil Hours	250	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 73	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 67	---	---	---
Sulfation (PA)	%	█ 61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 7	---	---	---

WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 2451	---	---	---
Magnesium	ppm	█ 22	---	---	---
Zinc	ppm	█ 1252	---	---	---
Phosphorus	ppm	█ 1065	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 185	---	---	---

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: VOLVO0002
Unique No: 9259096
Signed: Wes Davis
Report Date: 20 Nov 2020



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GRAPHS

