



CONSTRUCTION EQUIPMENT

VOLVO EC380E 311643 - DIESEL ENGINE



Sample No: VCP424753
Oil Type: CHEVRON 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP424753	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	5425	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ROMCO INC MAIN
 PO BOX 200210
 SAN ANTONIO, TX
 US 78220
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 9.4	---	---	---
Oxidation (PA)	%	57	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	35	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 124	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1374	---	---	---
Magnesium	ppm	█ 663	---	---	---
Zinc	ppm	█ 852	---	---	---
Phosphorus	ppm	█ 533	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 313	---	---	---

Depot: VOLVO0170
Unique No: 10711580
Signed: Wes Davis
Report Date: 26 Oct 2023



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GRAPHS

