



CONSTRUCTION EQUIPMENT

VOLVO EC380E 310481 - DIESEL ENGINE



Sample No: VCP365566

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP365566	VCP264083	---	---
Sample Date	09 Dec 2022	16 Jan 2020	---	---
Machine Hours	0	3564	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ROMCO INC

1350 NE LOOP 820
FORT WORTH, TX
US 76106

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OIL CONDITION

Visc @ 100°C	cSt	12.7	12.3	---	---
Base Number (BN)	mg KOH/g	9.4	---	---	---
Oxidation (PA)	%	68	63	---	---

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 %	%	0.1	0.1	---	---
Nitration (PA)	%	75	63	---	---
Sulfation (PA)	%	64	60	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	10	6	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	0	6	---	---



WEAR METALS

Iron	ppm	7	5	---	---
Copper	ppm	1	3	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	2	5	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	236	181	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1431	1546	---	---
Magnesium	ppm	735	624	---	---
Zinc	ppm	1040	917	---	---
Phosphorus	ppm	842	771	---	---
Barium	ppm	0	0	---	---
Boron	ppm	217	171	---	---

Depot: VOLVO0081
Unique No: 10258650
Signed: Sean Felton
Report Date: 19 Dec 2022



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GRAPHS

