



CONSTRUCTION EQUIPMENT

SW-22092 SEG1 VOLVO EC210BLC 16849 - DIESEL ENGINE



Sample No: VCP406973
Oil Type: NOT GIVEN
Job No: SW-22092 SEG1



SAMPLE INFORMATION

Sample Number	VCP406973	---	---	---
Sample Date	10 Aug 2023	---	---	---
Machine Hours	9439	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	11.1	---	---	---
Base Number (BN)	mg KOH/g	7.0	---	---	---
Oxidation (PA)	%	44	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. 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	---	---	---
Nitration (PA)	%	34	---	---	---
Sulfation (PA)	%	45	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	3.2	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	40	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1018	---	---	---
Magnesium	ppm	574	---	---	---
Zinc	ppm	953	---	---	---
Phosphorus	ppm	801	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	14	---	---	---

Depot: VOLVO8770
Unique No: 10606499
Signed: Jonathan Hester
Report Date: 18 Aug 2023



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GRAPHS

