



CONSTRUCTION EQUIPMENT

607479 VOLVO EC480 31128 - DIESEL ENGINE



Sample No: VCP435228

Oil Type: NOT GIVEN

Job No: G07479



SAMPLE INFORMATION

Sample Number	VCP435228	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	5574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	11.6	---	---	---
Base Number (BN)	mg KOH/g	5.5	---	---	---
Oxidation (PA)	%	55	---	---	---



CONTAMINATION

Soot %	%	0.1	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.9	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	12	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	18	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1956	---	---	---
Magnesium	ppm	213	---	---	---
Zinc	ppm	1022	---	---	---
Phosphorus	ppm	878	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	14	---	---	---



HOFFMAN EQUIPMENT - DEPTFORD

1330 HURFFVILLE ROAD

DEPTFORD, NJ

US 08096

Contact: TAMMY SANDORA

tammy.sandora@hoffmanequip.com

T: (856)227-6400

F: (856)227-0046

Diagnosis

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. Fuel content negligible. 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.

Depot: VOLVO8880

Unique No: 10559207

Signed: Jonathan Hester

Report Date: 17 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

