



CONSTRUCTION EQUIPMENT

G07499 JPC VOLVO L180H 6963 - DIESEL ENGINE



Sample No: VCP435246

Oil Type: NOT GIVEN

Job No: G07499 JPC



SAMPLE INFORMATION

Sample Number	VCP435246	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	3659	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



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



OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 5.9	---	---	---
Oxidation (PA)	%	41	---	---	---



CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.4	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	6	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 2224	---	---	---
Magnesium	ppm	█ 184	---	---	---
Zinc	ppm	█ 1106	---	---	---
Phosphorus	ppm	█ 882	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 14	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand 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: 10576321

Signed: Wes Davis

Report Date: 31 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

