



CONSTRUCTION EQUIPMENT

SPM394743-10 VOLVO A25G 752643 - DIESEL ENGINE



Sample No: VCP426561
Oil Type: NOT GIVEN
Job No: SPM394743-10



SAMPLE INFORMATION

Sample Number	VCP426561	---	---	---
Sample Date	26 Nov 2023	---	---	---
Machine Hours	1545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
Contact: TODD LARK
tlark@altaequipfl.com
T:
F: (239)481-3302



OIL CONDITION

Visc @ 100°C	cSt	11.1	---	---	---
Base Number (BN)	mg KOH/g	5.0	---	---	---
Oxidation (PA)	%	71	---	---	---

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. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.6	---	---	---
Nitration (PA)	%	84	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.4	---	---	---
Silicon	ppm	28	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	39	---	---	---
Copper	ppm	154	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	73	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2329	---	---	---
Magnesium	ppm	77	---	---	---
Zinc	ppm	1366	---	---	---
Phosphorus	ppm	1101	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	16	---	---	---

Depot: VOLVO0090
Unique No: 10767395
Signed: Jonathan Hester
Report Date: 08 Dec 2023



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GRAPHS

