



CONSTRUCTION EQUIPMENT

VOLVO 310620 - DIESEL ENGINE



Sample No: VCP0007931
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007931	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	5999	---	---	---
Oil Hours	5999	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
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OIL CONDITION

Visc @ 100°C	cSt	11.8	---	---	---
Base Number (BN)	mg KOH/g	9.6	---	---	---
Oxidation (PA)	%	83	---	---	---

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.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	56	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.3	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	2	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	41	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1765	---	---	---
Magnesium	ppm	486	---	---	---
Zinc	ppm	1166	---	---	---
Phosphorus	ppm	978	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	37	---	---	---

Depot: VOLVO0092
Unique No: 10777275
Signed: Jonathan Hester
Report Date: 14 Dec 2023



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GRAPHS

