



CONSTRUCTION EQUIPMENT

VOLVO L70H 625009 - DIESEL ENGINE



Sample No: VCP422053

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP422053	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	877	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.6	---	---	---
Oxidation (PA)	%	72	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. 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 %	%	█ 0.5	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 34	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 22	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 130	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1629	---	---	---
Magnesium	ppm	█ 825	---	---	---
Zinc	ppm	█ 1475	---	---	---
Phosphorus	ppm	█ 1237	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 19	---	---	---

Depot: VOLVO0090
Unique No: 10767396
Signed: Wes Davis
Report Date: 04 Dec 2023



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GRAPHS

