



CONSTRUCTION EQUIPMENT

W127935 VOLVO A30G 752462 - DIESEL ENGINE



Sample No: VCP355680

Oil Type: {unknown}

Job No: W127935



SAMPLE INFORMATION

Sample Number	VCP355680	---	---	---
Sample Date	13 Apr 2022	---	---	---
Machine Hours	488	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 100°C	cSt	11.2	---	---	---
Base Number (BN)	mg KOH/g	9.0	---	---	---
Oxidation (PA)	%	66	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. 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 %	%	0.2	---	---	---
Nitration (PA)	%	56	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.6	---	---	---
Silicon	ppm	37	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	5	---	---	---



WEAR METALS

Iron	ppm	20	---	---	---
Copper	ppm	253	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	52	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1935	---	---	---
Magnesium	ppm	342	---	---	---
Zinc	ppm	1350	---	---	---
Phosphorus	ppm	1153	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	137	---	---	---

Depot: VOLV00142
 Unique No: 9935933
 Signed: Jonathan Hester
 Report Date: 20 Apr 2022



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GRAPHS

