



CONSTRUCTION EQUIPMENT

136502 VOLVO A40G 752154 - DIESEL ENGINE



Sample No: VCP442483
Oil Type: {unknown}
Job No: 136502



SAMPLE INFORMATION

Sample Number	VCP442483	VCP439721	---	---
Sample Date	07 Jun 2024	03 Apr 2024	---	---
Machine Hours	880	530	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	● 10.7	---	---
Base Number (BN)	mg KOH/g	█ 7.0	█ 5.2	---	---
Oxidation (PA)	%	60	57	---	---

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. 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 acceptable for the time in service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	60	79	---	---
Sulfation (PA)	%	60	54	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	█ 0.3	---	---
Silicon	ppm	█ 10	█ 29	---	---
Sodium	ppm	█ 2	█ 3	---	---
Potassium	ppm	█ 5	█ 3	---	---



WEAR METALS

Iron	ppm	█ 7	█ 17	---	---
Copper	ppm	█ 56	█ 241	---	---
Lead	ppm	█ <1	█ 3	---	---
Tin	ppm	█ <1	█ 2	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 91	█ 85	---	---
Nickel	ppm	█ 0	█ 1	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	█ 1715	█ 2372	---	---
Magnesium	ppm	█ 484	█ 27	---	---
Zinc	ppm	█ 1043	█ 1252	---	---
Phosphorus	ppm	█ 896	█ 1039	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 259	█ 31	---	---

Depot: LATSCU
Unique No: 11074843
Signed: Sean Felton
Report Date: 14 Jun 2024



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GRAPHS

