



CONSTRUCTION EQUIPMENT

133832 VOLVO L260H 1362 - DIESEL ENGINE



Sample No: VCP408806

Oil Type: NOT GIVEN

Job No: 133832



SAMPLE INFORMATION

Sample Number	VCP408806	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	595	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
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T:
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OIL CONDITION

Visc @ 100°C	cSt	11.2	---	---	---
Base Number (BN)	mg KOH/g	5.2	---	---	---
Oxidation (PA)	%	67	---	---	---



CONTAMINATION

Soot %	%	0.3	---	---	---
Nitration (PA)	%	81	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.6	---	---	---
Silicon	ppm	27	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	5	---	---	---



WEAR METALS

Iron	ppm	16	---	---	---
Copper	ppm	221	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	93	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2260	---	---	---
Magnesium	ppm	59	---	---	---
Zinc	ppm	1271	---	---	---
Phosphorus	ppm	1011	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	41	---	---	---

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 acceptable for the time in service.

Depot: LATSCU
Unique No: 10587687
Signed: Don Baldrige
Report Date: 08 Aug 2023



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GRAPHS

