



CONSTRUCTION EQUIPMENT

134247 VOLVO L260H 1362 - DIESEL ENGINE



Sample No: VCP435425

Oil Type: NOT GIVEN

Job No: 134247



SAMPLE INFORMATION

Sample Number	VCP435425	VCP408806	---	---
Sample Date	01 Sep 2023	24 Jul 2023	---	---
Machine Hours	1072	595	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
14242 S SH-34
SCURRY, TX
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Contact: WALLACE WARREN
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T:
F:



OIL CONDITION

Visc @ 100°C	cSt	11.1	11.2	---	---
Base Number (BN)	mg KOH/g	4.3	5.2	---	---
Oxidation (PA)	%	78	67	---	---



CONTAMINATION

Soot %	%	0.4	0.3	---	---
Nitration (PA)	%	85	81	---	---
Sulfation (PA)	%	64	58	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.6	---	---
Silicon	ppm	26	27	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	5	5	---	---



WEAR METALS

Iron	ppm	26	16	---	---
Copper	ppm	174	221	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	3	2	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	93	93	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2192	2260	---	---
Magnesium	ppm	121	59	---	---
Zinc	ppm	1220	1271	---	---
Phosphorus	ppm	921	1011	---	---
Barium	ppm	0	0	---	---
Boron	ppm	22	41	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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: 10643006
Signed: Don Baldrige
Report Date: 13 Sep 2023



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GRAPHS

