



CONSTRUCTION EQUIPMENT

WASTE MANAGEMENT 388419 VOLVO L110G 8388 - DIESEL ENGINE



Sample No: VCP392154
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 388419



SAMPLE INFORMATION

Sample Number	VCP392154	---	---	---
Sample Date	12 Dec 2023	---	---	---
Machine Hours	18783	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Oxidation (PA)	%	█ 50	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 48	---	---	---
Sulfation (PA)	%	█ 48	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 17	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 65	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1492	---	---	---
Magnesium	ppm	█ 491	---	---	---
Zinc	ppm	█ 1099	---	---	---
Phosphorus	ppm	█ 916	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 28	---	---	---

Depot: VOLVO0252
Unique No: 5696121
Signed: Kevin Marson
Report Date: 14 Dec 2023



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GRAPHS

