



CONSTRUCTION EQUIPMENT

LAFARGE HAMILTON 391698 VOLVO L260H 1324 - DIESEL ENGINE



Sample No: VCP430193
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 391698



SAMPLE INFORMATION

Sample Number	VCP430193	VCP430012	VCP380805	---
Sample Date	16 Jan 2024	03 Oct 2023	10 Apr 2023	---
Machine Hours	2117	1769	1098	---
Oil Hours	0	500	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 100°C	cSt	12.7	13.0	12.6	---
Oxidation (PA)	%	83	85	81	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Soot %	%	0.1	0.2	0	---
Nitration (PA)	%	59	72	61	---
Sulfation (PA)	%	64	66	65	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	1	<1.0	1	---
Silicon	ppm	4	6	7	---
Sodium	ppm	2	3	3	---
Potassium	ppm	<1	<1	0	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	11	9	---
Copper	ppm	7	21	117	---
Lead	ppm	<1	1	4	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	41	42	47	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1695	1668	1822	---
Magnesium	ppm	516	511	458	---
Zinc	ppm	1054	1096	1090	---
Phosphorus	ppm	927	915	1014	---
Barium	ppm	0	<1	0	---
Boron	ppm	41	24	42	---

Depot: VOLVO0252
Unique No: 5710254
Signed: Wes Davis
Report Date: 18 Jan 2024



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GRAPHS

