



CONSTRUCTION EQUIPMENT

370708 VOLVO L150H 6411 (S/N 1014) - DIESEL ENGINE



Sample No: VCP394772
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 370708



SAMPLE INFORMATION

Sample Number	VCP394772	VCP242520	---	---
Sample Date	26 Jul 2023	14 Apr 2020	---	---
Machine Hours	4264	1014	---	---
Oil Hours	2000	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
 Burlington, ON
 CA L7L 4Y1
 Contact: Sue Hooton
 shooton@strongco.com
 T: (905)331-3835
 F: (905)643-6077



OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	█ 12.7	---	---
Oxidation (PA)	%	█ 79	█ 61	---	---



CONTAMINATION

Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	█ 64	█ 81	---	---
Sulfation (PA)	%	█ 61	█ 69	---	---
Glycol	%	█ NEG	█ 0.0	---	---
Fuel	%	█ <1.0	█ <1.0	---	---
Silicon	ppm	█ 4	█ 6	---	---
Sodium	ppm	█ 3	█ <1	---	---
Potassium	ppm	█ <1	█ 2	---	---

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	█ 6	█ 9	---	---
Copper	ppm	█ 2	█ 126	---	---
Lead	ppm	█ <1	█ 3	---	---
Tin	ppm	█ <1	█ 2	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 40	█ 5	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	█ <1	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	█ 0	█ <1	---	---



ADDITIVES

Calcium	ppm	█ 1647	█ 1405	---	---
Magnesium	ppm	█ 509	█ 743	---	---
Zinc	ppm	█ 1101	█ 843	---	---
Phosphorus	ppm	█ 1002	█ 761	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 31	█ 40	---	---

Depot: VOLVO0252
Unique No: 5619226
Signed: Wes Davis
Report Date: 04 Aug 2023



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GRAPHS

