



CONSTRUCTION EQUIPMENT

8000255020 VOLVO L110F 70735 - DIESEL ENGINE



Sample No: VCP252276
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8000255020



SAMPLE INFORMATION

Sample Number	VCP252276	---	---	---
Sample Date	28 Aug 2020	---	---	---
Machine Hours	6747	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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 CA T7X 6C2

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 77	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 42	---	---	---
Sulfation (PA)	%	█ 61	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 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	█ 5	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1536	---	---	---
Magnesium	ppm	█ 488	---	---	---
Zinc	ppm	█ 1021	---	---	---
Phosphorus	ppm	█ 865	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 59	---	---	---

Depot: VOLVO3908
Unique No: 5097409
Signed: Wes Davis
Report Date: 03 Sep 2020



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GRAPHS

