



CONSTRUCTION EQUIPMENT

SD SERVICES 352694 VOLVO L70C 14267 - DIESEL ENGINE



Sample No: VCP352923
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 352694



SAMPLE INFORMATION

Sample Number	VCP352923	---	---	---
Sample Date	02 Feb 2023	---	---	---
Machine Hours	17172	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 100°C	cSt	▲ 11.0	---	---	---
Oxidation (PA)	%	46	---	---	---



CONTAMINATION

Soot %	%	■ 0.4	---	---	---
Nitration (PA)	%	71	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.4	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 24	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2393	---	---	---
Magnesium	ppm	■ 17	---	---	---
Zinc	ppm	■ 1047	---	---	---
Phosphorus	ppm	■ 958	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 13	---	---	---

Depot: VOLVO3908

Unique No: 5527101

Signed: Wes Davis

Report Date: 09 Feb 2023



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GRAPHS

