



CONSTRUCTION EQUIPMENT

LAFARGE 8-387325 VOLVO L260H 1373 - DIESEL ENGINE



Sample No: VCP380059
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8-387325



SAMPLE INFORMATION

Sample Number	VCP380059	---	---	---
Sample Date	07 Dec 2023	---	---	---
Machine Hours	1054	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4

Contact: Janice Cripps
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OIL CONDITION

Visc @ 100°C	cSt	▲ 10.8	---	---	---
Oxidation (PA)	%	78	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.2	---	---	---
Nitration (PA)	%	85	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 1	---	---	---
Silicon	ppm	■ 20	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 4	---	---	---

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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 23	---	---	---
Copper	ppm	■ 132	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 83	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2133	---	---	---
Magnesium	ppm	■ 167	---	---	---
Zinc	ppm	■ 1189	---	---	---
Phosphorus	ppm	■ 958	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 16	---	---	---

Depot: SHEMIS
Unique No: 5696849
Signed: Kevin Marson
Report Date: 19 Dec 2023



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GRAPHS

