



CONSTRUCTION EQUIPMENT

8000387798 VOLVO L80H 15727 - DIESEL ENGINE



Sample No: VCP380086
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8000387798



SAMPLE INFORMATION

Sample Number	VCP380086	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	2544	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC.
1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Oxidation (PA)	%	█ 77	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 58	---	---	---
Sulfation (PA)	%	█ 59	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 17	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 15	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1742	---	---	---
Magnesium	ppm	█ 520	---	---	---
Zinc	ppm	█ 1114	---	---	---
Phosphorus	ppm	█ 930	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 33	---	---	---

Depot: SHEMIS
Unique No: 5696534
Signed: Wes Davis
Report Date: 15 Dec 2023



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GRAPHS

