



CONSTRUCTION EQUIPMENT

379603 VOLVO EC380EL 3 10395 - DIESEL ENGINE



Sample No: VCP380261
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 379603



SAMPLE INFORMATION

Sample Number	VCP380261	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	12519	---	---	---
Oil Hours	12519	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT (CE)

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 Burlington, ON
 CA L7L 4Y1
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 T:
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.1	---	---	---
Oxidation (PA)	%	█ 88	---	---	---

CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 65	---	---	---
Sulfation (PA)	%	█ 63	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ 1.7	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 38	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 1709	---	---	---
Magnesium	ppm	█ 498	---	---	---
Zinc	ppm	█ 1060	---	---	---
Phosphorus	ppm	█ 911	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 33	---	---	---

Depot: VOLVO0252
Unique No: 5658929
Signed: Wes Davis
Report Date: 19 Oct 2023



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GRAPHS

