



CONSTRUCTION EQUIPMENT

MARIPOSA HOMES 374105 VOLVO EC290B 80197 - DIESEL ENGINE



Sample No: VCP392209
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 374105



SAMPLE INFORMATION

Sample Number	VCP392209	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	9170	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment

5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Nick Sanders
 nsanders@strongco.com
 T: (519)744-3518
 F: (519)744-3284

OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Oxidation (PA)	%	█ 84	---	---	---

CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 69	---	---	---
Sulfation (PA)	%	█ 65	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---

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	█ 10	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 1831	---	---	---
Magnesium	ppm	█ 510	---	---	---
Zinc	ppm	█ 1144	---	---	---
Phosphorus	ppm	█ 1027	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 58	---	---	---

Depot: CASKIT
Unique No: 5629446
Signed: Wes Davis
Report Date: 17 Aug 2023



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GRAPHS

