



CONSTRUCTION EQUIPMENT

370676 VOLVO ECR145D 2 10093 - DIESEL ENGINE



Sample No: VCP391771
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 370676



SAMPLE INFORMATION

Sample Number	VCP391771	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	9909	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC.
 72 CHEMIN DU TREMBLAY
 BOUCHERVILLE, QC
 CA J4B 6Z6
 Contact: Jonathan Jobin
 jjobin@strongco.com
 T:
 F: (450)449-7913



OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Oxidation (PA)	%	█ 66	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 81	---	---	---
Sulfation (PA)	%	█ 58	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 9	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 81	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 1734	---	---	---
Magnesium	ppm	█ 473	---	---	---
Zinc	ppm	█ 1206	---	---	---
Phosphorus	ppm	█ 1088	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 106	---	---	---

Depot: SHEBOU
Unique No: 5607069
Signed: Wes Davis
Report Date: 14 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

