



CONSTRUCTION EQUIPMENT

280137 VOLVO ECR305 6913 - DIESEL ENGINE



Sample No: VCP273994

Oil Type: NOT GIVEN

Job No: 280137



SAMPLE INFORMATION

Sample Number	VCP273994	---	---	---
Sample Date	08 Apr 2021	---	---	---
Machine Hours	8092	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.7	---	---	---
Oxidation (PA)	%	█ 78	---	---	---



CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	█ 78	---	---	---
Sulfation (PA)	%	█ 60	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	█ 12	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 58	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 995	---	---	---
Magnesium	ppm	█ 1094	---	---	---
Zinc	ppm	█ 1291	---	---	---
Phosphorus	ppm	█ 1013	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 34	---	---	---

Depot: VOLVO3908

Unique No: 5214058

Signed: Wes Davis

Report Date: 03 May 2021



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GRAPHS

