



CONSTRUCTION EQUIPMENT

314854 VOLVO G940 40867 - DIESEL ENGINE



Sample No: VCP347386
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 314854



SAMPLE INFORMATION

Sample Number	VCP347386	---	---	---
Sample Date	27 May 2022	---	---	---
Machine Hours	11395	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Oxidation (PA)	%	█ 67	---	---	---



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 61	---	---	---
Sulfation (PA)	%	█ 56	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 9	---	---	---

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	█ 7	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2173	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1192	---	---	---
Phosphorus	ppm	█ 1060	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 47	---	---	---

Depot: VOLVO3908
Unique No: 5409976
Signed: Wes Davis
Report Date: 07 Jun 2022



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GRAPHS

