



CONSTRUCTION EQUIPMENT

SPM594625 VOLVO EC750E 314108 - DIESEL ENGINE



Sample No: VCP413425
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SPM594625



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SAMPLE INFORMATION

Sample Number	VCP413425	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	2059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 12.5	---	---	---
Base Number (BN)	mg KOH/g	█ 7.8	---	---	---
Oxidation (PA)	%	78	---	---	---



CONTAMINATION

Soot %	%	█ 1.1	---	---	---
Nitration (PA)	%	71	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 65	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1672	---	---	---
Magnesium	ppm	█ 497	---	---	---
Zinc	ppm	█ 1071	---	---	---
Phosphorus	ppm	█ 868	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 21	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO0093
Unique No: 10617205
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

