



CONSTRUCTION EQUIPMENT

652951 CAMO VOLVO A25G 13259 - DIESEL ENGINE



Sample No: VCP430725
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 652951 CAMO



SAMPLE INFORMATION

Sample Number	VCP430725	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	9083	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.1	---	---	---
Base Number (BN)	mg KOH/g	█ 6.5	---	---	---
Oxidation (PA)	%	70	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. 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 acceptable for the time in service.



CONTAMINATION

Soot %	%	█ 1	---	---	---
Nitration (PA)	%	79	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 8	---	---	---



WEAR METALS

Iron	ppm	█ 187	---	---	---
Copper	ppm	▲ 75	---	---	---
Lead	ppm	▲ 50	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 66	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1317	---	---	---
Magnesium	ppm	█ 528	---	---	---
Zinc	ppm	█ 1124	---	---	---
Phosphorus	ppm	█ 823	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 15	---	---	---

Depot: VOLVO0096
Unique No: 10736446
Signed: Don Baldrige
Report Date: 13 Nov 2023



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GRAPHS

