



CONSTRUCTION EQUIPMENT

699870 CAMO FARMS VOLVO A30G 753045 - DIESEL ENGINE



Sample No: VCP455125
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 699870 CAMO FARMS



SAMPLE INFORMATION

Sample Number	VCP455125	VCP434080	---	---
Sample Date	01 Apr 2024	29 Dec 2023	---	---
Machine Hours	1462	1004	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	● 11.9	---	---
Base Number (BN)	mg KOH/g	█ 9.2	█ 9.5	---	---
Oxidation (PA)	%	73	78	---	---

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.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.2	█ 0.2	---	---
Nitration (PA)	%	59	56	---	---
Sulfation (PA)	%	59	63	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	█ 0.1	---	---
Silicon	ppm	█ 6	█ 10	---	---
Sodium	ppm	█ 2	█ 0	---	---
Potassium	ppm	█ 2	█ 3	---	---



WEAR METALS

Iron	ppm	█ 14	█ 11	---	---
Copper	ppm	█ 22	█ 68	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 5	█ 1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 51	█ 46	---	---
Nickel	ppm	█ 3	█ 4	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 1432	█ 1684	---	---
Magnesium	ppm	█ 642	█ 401	---	---
Zinc	ppm	█ 1105	█ 1039	---	---
Phosphorus	ppm	█ 935	█ 982	---	---
Barium	ppm	█ 0	█ 10	---	---
Boron	ppm	█ 27	█ 41	---	---

Depot: VOLVO0096
Unique No: 10963050
Signed: Jonathan Hester
Report Date: 04 Apr 2024



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GRAPHS

