



CONSTRUCTION EQUIPMENT

752923 ALTA RENTS VOLVO A25G 752923 - DIESEL ENGINE



Sample No: VCP449660
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 752923 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP449660	VCP436610	---	---
Sample Date	06 May 2024	29 Jan 2024	---	---
Machine Hours	1106	574	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 100°C	cSt	12.7	11.1	---	---
Base Number (BN)	mg KOH/g	8.3	5.6	---	---
Oxidation (PA)	%	82	65	---	---

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)	%	68	83	---	---
Sulfation (PA)	%	63	56	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.4	---	---
Silicon	ppm	6	24	---	---
Sodium	ppm	4	3	---	---
Potassium	ppm	0	3	---	---



WEAR METALS

Iron	ppm	10	21	---	---
Copper	ppm	90	268	---	---
Lead	ppm	0	5	---	---
Tin	ppm	0	3	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	44	76	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1826	1782	---	---
Magnesium	ppm	441	157	---	---
Zinc	ppm	999	1087	---	---
Phosphorus	ppm	898	915	---	---
Barium	ppm	0	0	---	---
Boron	ppm	40	18	---	---

Depot: VOLVO0096
Unique No: 11019692
Signed: Wes Davis
Report Date: 10 May 2024



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GRAPHS

