



CONSTRUCTION EQUIPMENT

AMG SENNEBOGEN 835 835.0.2438 - DIESEL ENGINE



Sample No: VCP422146
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: AMG



SAMPLE INFORMATION

Sample Number	VCP422146	---	---	---
Sample Date	15 Sep 2023	---	---	---
Machine Hours	10840	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GREEN MACHINE SERVICES LLC

13 SPYROS DRIVE
 SOUTH AMBOY, NJ
 US 08879

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F:



OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 9.8	---	---	---
Oxidation (PA)	%	90	---	---	---

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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	69	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 43	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1949	---	---	---
Magnesium	ppm	█ 558	---	---	---
Zinc	ppm	█ 1251	---	---	---
Phosphorus	ppm	█ 996	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 39	---	---	---

Depot: GRESOUNJ

Unique No: 10675091

Signed: Wes Davis

Report Date: 04 Oct 2023



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GRAPHS

