



CONSTRUCTION EQUIPMENT

SPM595374 SENNEBOGEN 860 860.0.1095 - DIESEL ENGINE



Sample No: VCP413957
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM595374



SAMPLE INFORMATION

Sample Number	VCP413957	VCP410278	---	---
Sample Date	28 Aug 2023	25 Aug 2023	---	---
Machine Hours	10929	10929	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 100°C	cSt	█ 15.5	█ 13.1	---	---
Base Number (BN)	mg KOH/g	█ 9.7	█ 9.1	---	---
Oxidation (PA)	%	50	49	---	---

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	█ 0.1	---	---
Nitration (PA)	%	35	35	---	---
Sulfation (PA)	%	48	49	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 4	█ 15	---	---
Sodium	ppm	█ <1	█ 6	---	---
Potassium	ppm	█ <1	█ 9	---	---

WEAR METALS

Iron	ppm	█ 1	█ 14	---	---
Copper	ppm	█ 0	█ 11	---	---
Lead	ppm	█ 0	█ 4	---	---
Tin	ppm	█ <1	█ 2	---	---
Aluminum	ppm	█ 0	█ 3	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 52	█ 65	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	█ <1	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	█ 1004	█ 1370	---	---
Magnesium	ppm	█ 920	█ 632	---	---
Zinc	ppm	█ 1148	█ 1229	---	---
Phosphorus	ppm	█ 965	█ 997	---	---
Barium	ppm	█ 2	█ 3	---	---
Boron	ppm	█ 2	█ 267	---	---

Depot: VOLVO8885
Unique No: 10633951
Signed: Wes Davis
Report Date: 07 Sep 2023



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GRAPHS

