



CONSTRUCTION EQUIPMENT

ALTER SOUTH BELOIT SENNEBOGEN 840E 840.0.2350 - DIESEL ENGINE



Sample No: VCP439222
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: ALTER SOUTH BELOIT



SAMPLE INFORMATION

Sample Number	VCP439222	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	4440	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
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T: (248)356-5200
F:

OIL CONDITION

Visc @ 100°C	cSt	● 12.0	---	---	---
Base Number (BN)	mg KOH/g	■ 8.7	---	---	---
Oxidation (PA)	%	67	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	67	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.5	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 58	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 1106	---	---	---
Magnesium	ppm	■ 1003	---	---	---
Zinc	ppm	■ 1222	---	---	---
Phosphorus	ppm	■ 1020	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO8885
Unique No: 11003243
Signed: Jonathan Hester
Report Date: 01 May 2024



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GRAPHS

