



CONSTRUCTION EQUIPMENT

WILL YOU DER 505642 WESTERBEKE 132957-E502 - CENTER GENSET



Sample No: VCP059434
Oil Type: VOLVO PENTA SAE 15W40
Job No: 505642



SAMPLE INFORMATION

Sample Number	VCP059434	---	---	---
Sample Date	15 Dec 2023	---	---	---
Machine Hours	216	---	---	---
Oil Hours	2	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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24400 Jefferson Ave.
SAINT CLAIR SHORES, MI
US 48080
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	█ 10.1	---	---	---
Oxidation (PA)	%	█ 54	---	---	---

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	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 39	---	---	---
Sulfation (PA)	%	█ 50	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 48	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 986	---	---	---
Magnesium	ppm	█ 911	---	---	---
Zinc	ppm	█ 1172	---	---	---
Phosphorus	ppm	█ 904	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VP297371
Unique No: 10805115
Signed: Don Baldrige
Report Date: 27 Dec 2023



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GRAPHS

