

OIL ANALYSIS REPORT



SURVEY - SEAVER SURVEY-SEAVER ONAN G170215864 - GENSET

Sample No: VPA044339
Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA044339	---	---	---
Sample Date	08 Jul 2024	---	---	---
Machine Hours	543	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	MARGINAL	---	---	---

Suncoast Diesel Marine Inc.
 610 Mount Vernan St
 OLDSMAR, FL
 US 34677
 Contact: MARK WARREN
 oldsmar@suncoastdmi.com
 T: (813)475-5942
 F: (813)475-5943

OIL CONDITION

Visc @ 100°C	cSt	█ 12.63	---	---	---
Base Number (BN)	mg KOH/g	█ 6.8	---	---	---
Oxidation (PA)	%	53	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	72	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	▲ 26	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 6	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 37	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 46	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ < 1	---	---	---
Silver	ppm	█ < 1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 1402	---	---	---
Magnesium	ppm	█ 652	---	---	---
Zinc	ppm	█ 966	---	---	---
Phosphorus	ppm	█ 723	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 25	---	---	---

Depot: VP945077
Unique No: 11116242
Signed: Doug Bogart
Report Date: 10 Jul 2024

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VOLVO PENTA

GRAPHS

