

OIL ANALYSIS REPORT

VOLVO PENTA

ONAN D200759478 - GENSET

Sample No: VPA050718

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA050718	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	339	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
info@suncoastdmi.com
T: (941)342-0033
F:

OIL CONDITION

Visc @ 100°C	cSt	● 11.3	---	---	---
Base Number (BN)	mg KOH/g	■ 8.4	---	---	---
Oxidation (PA)	%	55	---	---	---

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)	%	55	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.2	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

Iron	ppm	■ 10	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 87	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 1414	---	---	---
Magnesium	ppm	■ 481	---	---	---
Zinc	ppm	■ 920	---	---	---
Phosphorus	ppm	■ 759	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 198	---	---	---

Depot: VP705283
Unique No: 10900455
Signed: Jonathan Hester
Report Date: 04 Mar 2024

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GRAPHS

