

OIL ANALYSIS REPORT



CHAMPAGNE 4458 ONAN C220062730 - PORT GENSET

Sample No: VPA058671

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA058671	---	---	---
Sample Date	04 Mar 2024	---	---	---
Machine Hours	125	---	---	---
Oil Hours	125	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Jas Marine Service Inc

3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 10.3	---	---	---
Oxidation (PA)	%	44	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	43	---	---	---
Sulfation (PA)	%	44	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 18	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 7	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 2629	---	---	---
Magnesium	ppm	█ 352	---	---	---
Zinc	ppm	█ 1084	---	---	---
Phosphorus	ppm	█ 899	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 8	---	---	---

Depot: VP426065
Unique No: 10913503
Signed: Doug Bogart
Report Date: 08 Mar 2024

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**VOLVO
PENTA**

GRAPHS

