

OIL ANALYSIS REPORT

VOLVO PENTA

FULFORD/MARR FULFORD/MARR FISCHER PANDA FULFORD/MARR (S/N N/A) - GENSET

Sample No: VPA056772

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA056772	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	250	---	---	---
Oil Hours	40	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Base Number (BN)	mg KOH/g	8.1	---	---	---
Oxidation (PA)	%	69	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	52	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 9	---	---	---

WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	█ < 1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 2148	---	---	---
Magnesium	ppm	█ 42	---	---	---
Zinc	ppm	█ 1166	---	---	---
Phosphorus	ppm	█ 1024	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 199	---	---	---

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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 acceptable for the time in service.

Depot: VP152567
Unique No: 10989452
Signed: Don Baldrige
Report Date: 23 Apr 2024

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GRAPHS

