

OIL ANALYSIS REPORT

VOLVO PENTA

COLT BOEHME EVAN/502951 KOHLER SGM32BKSR - GENSET

Sample No: VPA054903

Oil Type: VOLVO 10W40

SAMPLE INFORMATION

Sample Number	VPA054903	---	---	---
Sample Date	26 Apr 2024	---	---	---
Machine Hours	182	---	---	---
Oil Hours	182	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Base Number (BN)	mg KOH/g	█ 6.5	---	---	---
Oxidation (PA)	%	26	---	---	---

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)	%	38	---	---	---
Sulfation (PA)	%	34	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ < 1	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ < 1	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ < 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	39	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	1844	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	821	---	---	---
Phosphorus	ppm	734	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VP794951
Unique No: 11007454
Signed: Jonathan Hester
Report Date: 06 May 2024

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GRAPHS

