

OIL ANALYSIS REPORT

VOLVO PENTA

NORTHERN LIGHTS K30118 - GENSET

Sample No: VPA039165

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA039165	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	960	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 105	---	---	---
Visc @ 100°C	cSt	█ 14.1	---	---	---
Viscosity Index (VI)	Scale	█ 136	---	---	---
Oxidation (PA)	%	█ 64	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 42	---	---	---
Sulfation (PA)	%	█ 56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---

WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 2032	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 1044	---	---	---
Phosphorus	ppm	█ 925	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 183	---	---	---

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T:
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Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 15W40. Please confirm. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP662525
Unique No: 5776807
Signed: Kevin Marson
Report Date: 15 May 2024

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GRAPHS

