

OIL ANALYSIS REPORT

VOLVO PENTA

MCCLOSKEY 92881 - DIESEL ENGINE

Sample No: VPA056268

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA056268	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	2519	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MCCOURT & SONS EQUIPMENT INC

5141 HWY 71 W
LA GRANGE, TX
US 78945
Contact: WAYNE BESEDA
wklesel@mccourtandsons.com
T: (979)242-5298
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	64	---	---	---

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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	45	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ < 1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ < 1	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 107	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1640	---	---	---
Magnesium	ppm	█ 577	---	---	---
Zinc	ppm	█ 907	---	---	---
Phosphorus	ppm	799	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 404	---	---	---

Depot: VP1121775
Unique No: 10873232
Signed: Don Baldrige
Report Date: 13 Feb 2024

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GRAPHS

