

OIL ANALYSIS REPORT

VOLVO PENTA

MCCLOSKEY 79508 - VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA054182

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA054182	---	---	---
Sample Date	14 May 2024	---	---	---
Machine Hours	1078	---	---	---
Oil Hours	400	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MCCOURT & SONS EQUIPMENT INC

5141 HWY 71 W

LA GRANGE, TX

US 78945

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 4.8	---	---	---
Oxidation (PA)	%	81	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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 %	%	█ 0.4	---	---	---
Nitration (PA)	%	98	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.1	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 10	---	---	---

WEAR METALS

Iron	ppm	█ 30	---	---	---
Copper	ppm	█ 48	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 82	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 2368	---	---	---
Magnesium	ppm	█ 75	---	---	---
Zinc	ppm	█ 1382	---	---	---
Phosphorus	ppm	█ 1089	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 44	---	---	---

Depot: VP1121775

Unique No: 11059509

Signed: Jonathan Hester

Report Date: 11 Jun 2024

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GRAPHS

