



VOLVO PENTA

OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Area

DAVE DAVENPORT [6652]

Machine Id

VOLVO PENTA HS85AE-A 50850715530 - INBOARD

Component

Starboard Gearbox

Fluid

{not provided} (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

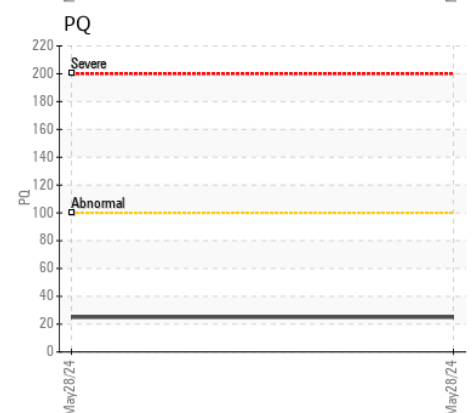
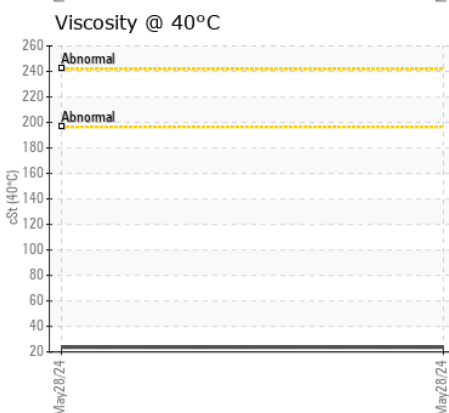
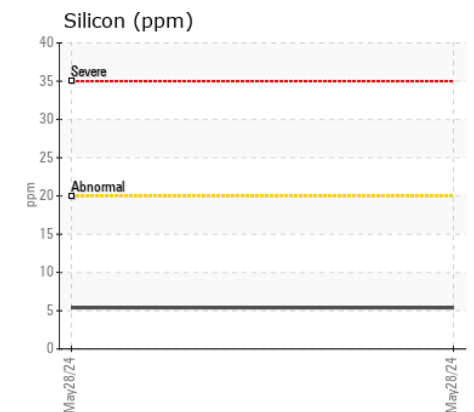
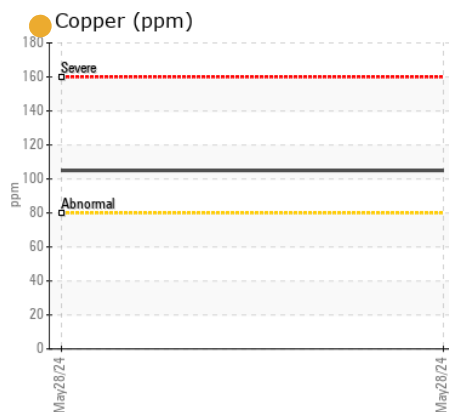
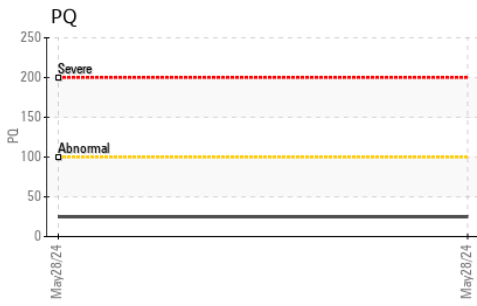
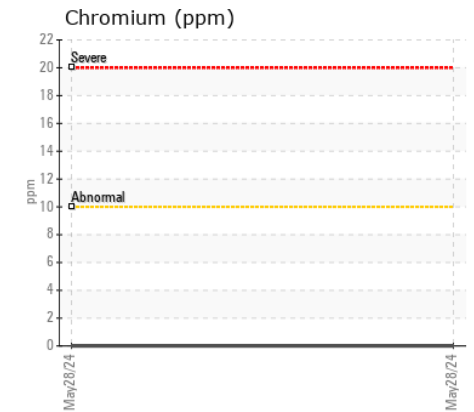
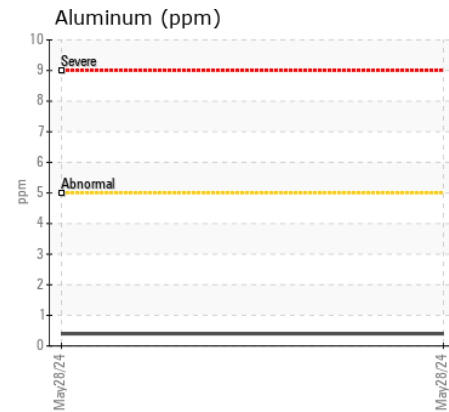
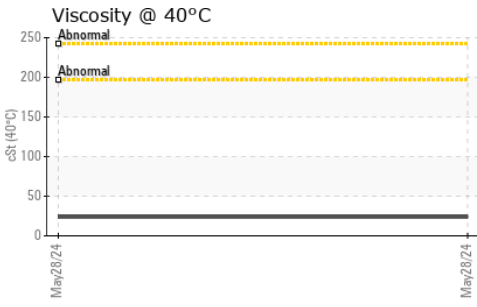
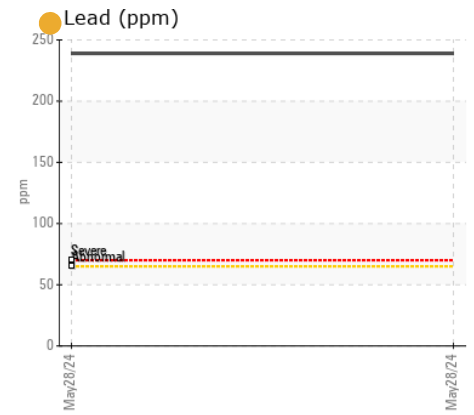
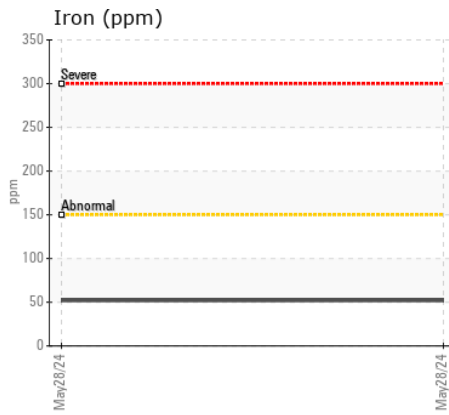
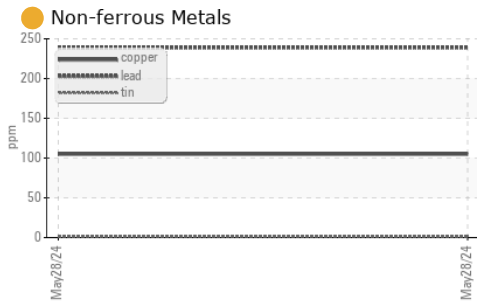
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA060829	---	---
Sample Date		Client Info		28 May 2024	---	---
Machine Age	hrs	Client Info		1253	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ATTENTION	---	---
PQ		ASTM D8184		25	---	---
Iron	ppm	ASTM D5185m	>150	52	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>5	<1	---	---
Lead	ppm	ASTM D5185m	>65	239	---	---
Copper	ppm	ASTM D5185m	>80	105	---	---
Tin	ppm	ASTM D5185m	>8	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>20	5	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185m		16	---	---
Boron	ppm	ASTM D5185m		56	---	---
Barium	ppm	ASTM D5185m		23	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		3	---	---
Magnesium	ppm	ASTM D5185m		3	---	---
Calcium	ppm	ASTM D5185m		133	---	---
Phosphorus	ppm	ASTM D5185m		204	---	---
Zinc	ppm	ASTM D5185m		83	---	---
Sulfur	ppm	ASTM D5185m		1460	---	---
Visc @ 40°C	cSt	ASTM D445		23.7	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : VPA060829

Lab Number : 06196053

Unique Number : 11058176

Test Package : MOB 1 (Additional Tests: PQ)

Received : 30 May 2024

Tested : 02 Jun 2024

Diagnosed : 02 Jun 2024 - Don Baldrige

Northwest Diesel Power

1325 ROEDER AVE SUITE 103

BELLINGHAM, WA

US 98225

Contact: BRANDON ROBERTSON

parts@nwdieselpower.com

T:

F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)