

OIL ANALYSIS REPORT

VOLVO PENTA

DARK N STORMY 20202844 - INBOARD - PORT GEARBOX

Sample No: VPA058930
Oil Type: PENNZOIL MULTI VEHICLE ATF FLUID

SAMPLE INFORMATION

Sample Number	VPA058930	VPA041369	VPA031330	VPA033158
Sample Date	05 Dec 2023	05 Jan 2023	02 Nov 2021	08 Jan 2021
Machine Hours	655	591	554	0
Oil Hours	64	0	0	0
Oil Changed	Changed	N/A	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

The Talaria Company

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OIL CONDITION

Visc @ 40°C	cSt	26.4	26.6	22.2	24.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	5
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	0	0	0	0

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

WEAR METALS

PQ		25	13	27	34
Iron	ppm	22	26	35	81
Copper	ppm	3	5	5	9
Lead	ppm	<1	2	2	6
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	102	157	143	73
Magnesium	ppm	<1	2	1	<1
Zinc	ppm	4	10	8	5
Phosphorus	ppm	240	247	249	209
Barium	ppm	0	0	0	0
Boron	ppm	111	105	117	107

Depot: VP592286
Unique No: 10779513
Signed: Jonathan Hester
Report Date: 14 Dec 2023

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GRAPHS

