

OIL ANALYSIS REPORT



THOMAS MITCHELL 7719059 VOLVO PENTA 51220204629 - INBOARD - STARBOARD GEARBOX

Sample No: VPA044470

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA044470	VPA046194	VPA041743	VPA048331
Sample Date	01 May 2024	20 Mar 2023	25 Jul 2022	03 Apr 2022
Machine Hours	743	651	608	608
Oil Hours	96	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Pacific Power Group - VP981534

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US 98032

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OIL CONDITION

Visc @ 40°C	cSt	26.9	27.1	31.51	25.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	3	2	2
Sodium	ppm	0	1	0	<1
Potassium	ppm	0	<1	<1	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 fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

PQ		16	13	20	26
Iron	ppm	8	10	9	22
Copper	ppm	13	11	4	18
Lead	ppm	1	2	1	7
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	1	<1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	10	22	10	24
Magnesium	ppm	0	14	3	<1
Zinc	ppm	0	20	6	<1
Phosphorus	ppm	147	168	145	161
Barium	ppm	0	0	2	0
Boron	ppm	72	60	69	81

Depot: VP99031103

Unique No: 11031748

Signed: Don Baldrige

Report Date: 17 May 2024

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GRAPHS

