

OIL ANALYSIS REPORT



GALTEX PILOTS SERVICE VOLVO PENTA 3950009419 - STARBOARD IPS

Sample No: VPA059394
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059394	VPA059397	VPA060117	VPA060151
Sample Date	23 May 2024	10 Apr 2024	02 Jan 2024	18 Dec 2023
Machine Hours	4030	3820	3347	3175
Oil Hours	0	483	0	0
Oil Changed	N/A	Not Changd	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Elite Diesel Services LLC
 2103 Anders Lane
 KEMAH, TX
 US 77565
 Contact: AUSTIN SULLIVAN
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OIL CONDITION

Visc @ 40°C	cSt	104	102	94.1	108
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CONTAMINATION

Water	%	NEG	NEG	NEG	0.132
Silicon	ppm	1	2	1	3
Sodium	ppm	3	5	11	0
Potassium	ppm	2	2	<1	5

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		17	16	12	11
Iron	ppm	14	20	19	4
Copper	ppm	3	5	3	0
Lead	ppm	0	1	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	2	1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	0	4
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	<1	0
Vanadium	ppm	<1	<1	0	0

ADDITIVES

Calcium	ppm	7	11	6	2143
Magnesium	ppm	2	2	0	56
Zinc	ppm	2	4	0	1203
Phosphorus	ppm	1273	1405	1513	950
Barium	ppm	0	1	0	0
Boron	ppm	335	382	314	103

Depot: VP680026
Unique No: 11049288
Signed: Don Baldrige
Report Date: 30 May 2024

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VOLVO PENTA

GRAPHS

