

OIL ANALYSIS REPORT



GALTEX PILOTS SERVICE VOLVO PENTA 3950009419 - STARBOARD IPS

Sample No: VPA059397
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059397	VPA060117	VPA060151	VPA060116
Sample Date	10 Apr 2024	02 Jan 2024	18 Dec 2023	26 Oct 2023
Machine Hours	3820	3347	3175	2891
Oil Hours	483	0	0	0
Oil Changed	Not Changd	N/A	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	102	94.1	108	104
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CONTAMINATION

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

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		16	12	11	13
Iron	ppm	20	19	4	9
Copper	ppm	5	3	0	<1
Lead	ppm	1	0	0	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	4	20
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	0	0
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	11	6	2143	1741
Magnesium	ppm	2	0	56	147
Zinc	ppm	4	0	1203	1092
Phosphorus	ppm	1405	1513	950	919
Barium	ppm	1	0	0	0
Boron	ppm	382	314	103	94

Depot: VP680026
Unique No: 10983538
Signed: Angela Borella
Report Date: 22 Apr 2024

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GRAPHS

