

OIL ANALYSIS REPORT



ALAN ERICKSON 502689 VOLVO DPH-D 302029915 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA058195
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058195	VPA010862	---	---
Sample Date	09 Feb 2024	26 Mar 2018	---	---
Machine Hours	1024	258	---	---
Oil Hours	126	159	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

North Harbor Diesel Inc
 720 30Th Street
 ANACORTES, WA
 US 98221
 Contact: ROBBIN MURDOCK
 robbin@northharbordiesel.com
 T: (360)299-1904
 F:

OIL CONDITION

Visc @ 40°C	cSt	105	96.8	---	---
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CONTAMINATION

Water	%	NEG	0.126	---	---
Silicon	ppm	1	4	---	---
Sodium	ppm	<1	10	---	---
Potassium	ppm	<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 oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		19	18	---	---
Iron	ppm	18	100	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	5	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	26	6	---	---
Magnesium	ppm	2	34	---	---
Zinc	ppm	0	8	---	---
Phosphorus	ppm	1202	1281	---	---
Barium	ppm	10	0	---	---
Boron	ppm	272	251	---	---

Depot: VP179089
Unique No: 10886152
Signed: Don Baldrige
Report Date: 21 Feb 2024

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GRAPHS

