## **OIL ANALYSIS REPORT**



## VOLVO PENTA 3940015635 - STARBOARD IPS

Sample No: VPA045565

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM				
Sample Number		VPA045565	VPA045511	 
Sample Date		21 Sep 2023	02 May 2023	 
Machine Hours Oil Hours		765 169	676 81	 
			81 N/A	 
Oil Changed		Not Changd ATTENTION	NORMAL	 
Sample Status		ATTENTION	NORIVIAL	 
OIL CONDITION				
Visc @ 40°C	cSt	113	116	 
CONTAMINATION				
Silicon	ppm	20	16	 
Sodium	ppm	<b>1</b> 0	5	 
Potassium	ppm	3	1	 
WEAR METALS				
PQ		24	22	 
Iron	ppm	<u> </u>	147	 
Copper	ppm	29	13	 
Lead	ppm	<1	<1	 
Tin Aluminum	ppm	0 4	0	 
Chromium	ppm	-		 
Molybdenum	ppm	<b>□</b> 2 <b>□</b> <1	□ 1 □ <1	 
Nickel	ppm	<b>4</b>	□ <1 □ 2	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	4	2	 
Vanadium	ppm ppm	0	0	 
ADDITIVES	ppm	Ū	0	
Calcium	ppm	<b>11</b>	17	 
Magnesium	ppm	3	8	 
Zinc	ppm	<b>1</b> 3	19	 
Phosphorus	ppm	1226	1237	 
Barium	ppm	0	0	 
Boron	ppm	237	286	 

#### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033 F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP705283

 Unique No:
 10659986

 Signed:
 Don Baldridge

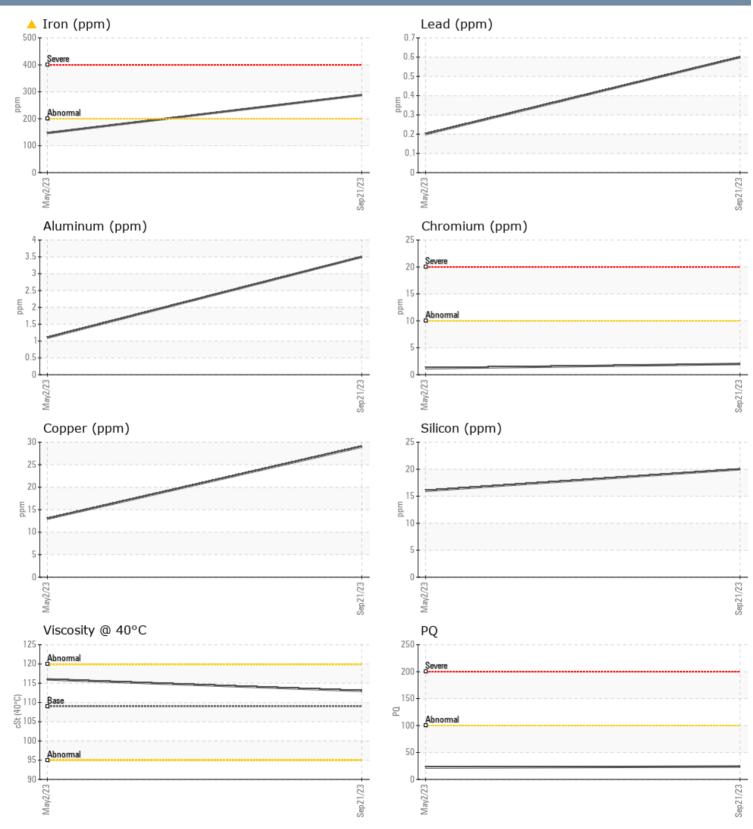
 Report Date:
 24 Sep 2023

Contact/Location: SERVICE MANAGER - VP705283

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### GRAPHS



Report Id: VP705283 [WUSCAR] 05958773 (Generated: 09/30/2023 10:22:10) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283