## **OIL ANALYSIS REPORT**

#### MICHAEL RECHITSKY 467995 VOLVO PENTA A 190984 - STARBOARD DIESEL ENGINE

Sample No: VPA060047

**Oil Type: DIESEL ENGINE OIL SAE 40** 

### SAMPLE INFORMATION

Sample Number		VPA060047	 	
Sample Date		12 Jan 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.4	 	
Base Number (BN)	mg KOH/g	<b>10.0</b>	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	<b>□</b> <1	 	
Potassium	ppm	<b></b> <1	 	
WEAR METALS				
WEAK METALS				
Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	<b>1</b>	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	58	 	
Nickel	ppm	□<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b>□</b> <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	<b>1030</b>	 	
Magnesium	ppm	960	 	
Zinc	ppm	1298	 	
Phosphorus	ppm	1114	 	
Barium	ppm	0	 	
Boron	ppm	8	 	

#### er Bud's

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#### nosis

ple at the next service interval nitor.All component wear rates ormal. There is no indication of ontamination in the oil. The BN indicates that there is suitable ity remaining in the oil. The tion of the oil is acceptable for ne in service.

Signed: Report Date: VP211714

10834648 Don Baldridge

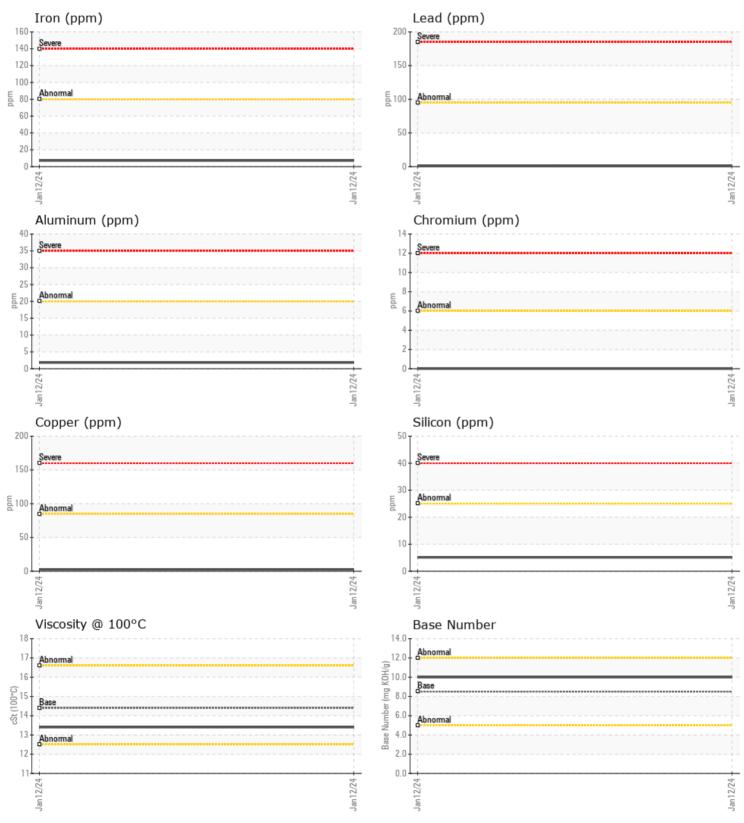
19 Jan 2024



# **OIL ANALYSIS REPORT**



#### GRAPHS



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Contact/Location: Oscar M Padilla - VP211714