OIL ANALYSIS REPORT

TREY DARBY TY VOLVO PENTA A 106 1088 - PORT DIESEL ENGINE

Sample No: VPA038295 **Oil Type:** VOLVO

SAMPLE INFORMATION

SAMPLE INFURMA				
Sample Number		VPA038295	 	
Sample Date		12 Dec 2023	 	
Machine Hours		154	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.8	 	
Base Number (BN)	mg KOH/g	9.1	 	
Oxidation (PA)	%	61	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	20	 	
Sodium	ppm	1	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	22	 	
Copper	ppm	1 2	 	
Lead	ppm	1	 	
Tin	ppm	2	 	
Aluminum	ppm	 18	 	
Chromium	ppm	2	 	
Molybdenum	ppm	53	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	
	10 Io			
ADDITIVES				
Calcium	ppm	1545	 	
Magnesium	ppm	462	 	
Zinc	ppm	1220	 	
Phosphorus	ppm	992	 	
Barium	ppm	0	 	
Boron	ppm	114	 	

Depot: VP648181 Unique No: Signed:

10792791 Don Baldridge Report Date: 20 Dec 2023

Contact/Location: Angie Bauer - VP648181

Commodore Marine LP

132 Grandpappy Dr. DENISON, TX US 75020 Contact: Angle Bauer service@grandpappy.com T: F:

Diagnosis

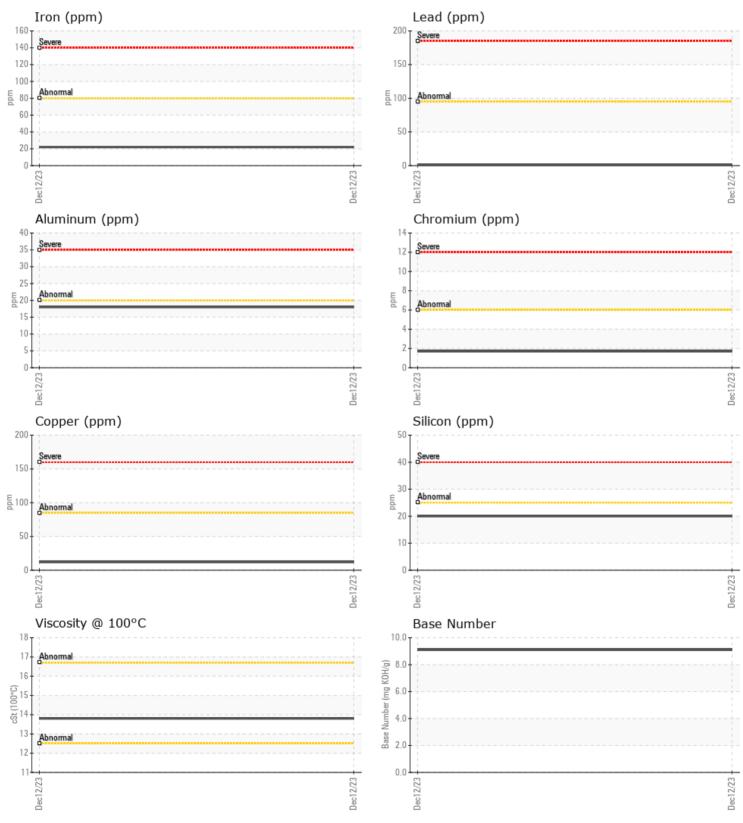
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP648181 [WUSCAR] 06037562 (Generated: 12/20/2023 23:05:04) Rev: 1

Contact/Location: Angie Bauer - VP648181