OIL ANALYSIS REPORT

COLEMAN 450-12 JAY VOLVO PENTA A780340 - STARBOARD DIESEL ENGINE

Sample No: VPA057105

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number		VPA057105	 	
Sample Date		11 Dec 2023	 	
Machine Hours		429	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.2	 	
Base Number (BN)	mg KOH/g	8.1	 	
Oxidation (PA)	%	63	 	
CONTAMINATION				
	0/	NEG		
Water Soot %	%		 	
	%	■0.2 48	 	
Nitration (PA) Sulfation (PA)	%	55		
Glycol	%	NEG	 	
Fuel	%	<1.0		
Silicon		< 1.0 5	 	
Sodium	ppm	1	 	
Potassium	ppm ppm	6	 	
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WEAR METALS				
Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	■ <1	 	
Nickel	ppm	■<1	 	
Titanium	ppm	■<1	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1978	 	
Magnesium	ppm	0	 	
Zinc	ppm	1123	 	
Phosphorus	ppm	943	 	
Barium	ppm	0	 	
Boron	ppm	182	 	



Outstanding Marine PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net T:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 suitable for further service.

 Depot:
 VP153685

 Unique No:
 10816298

 Signed:
 Sean Felton

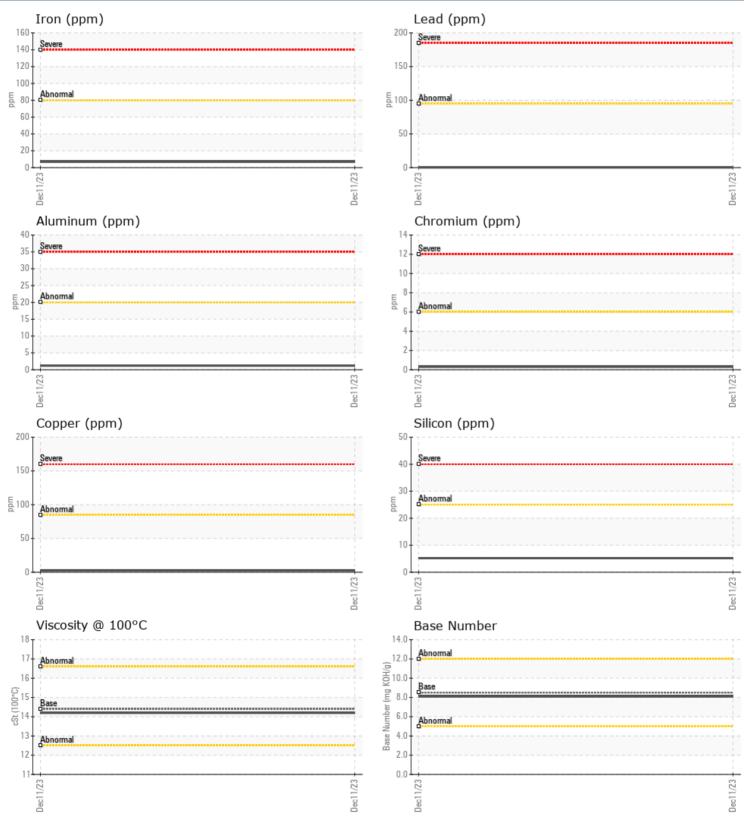
 Report Date:
 04 Jan 2024

Contact/Location: Ronda Bolinger - VP153685

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 06050349 (Generated: 01/04/2024 16:26:28) Rev: 1

Contact/Location: Ronda Bolinger - VP153685