OIL ANALYSIS REPORT

JOHN BAURER 1697 CATERPILLAR 4KG09595 - STARBOARD DIESEL ENGINE

Sample No: VPA045306

Oil Type: MOBIL DELVAC 1300 SUPER15W40

SAMPLE INFORMATION

Sample Number		VPA045306	 	
Sample Date		15 May 2024	 	
Machine Hours		910	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.4	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	58	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2		
Nitration (PA)	%	40	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon		<1.0	 	
Sodium	ppm	■ 0		
Potassium	ppm	_	 	
	ppm	4	 	
WEAR METALS				
Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	3	 	
Tin	ppm	3	 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	49	 	
Nickel	ppm	2	 	
Titanium	ppm	2	 	
Silver	ppm	3	 	
Manganese	ppm	2	 	
Vanadium	ppm	2	 	
ADDITIVES				
Calcium	ppm	1266	 	
Magnesium	ppm	642	 	
Zinc	ppm	973	 	
Phosphorus	ppm	816	 	
Barium	ppm	1	 	
Boron	ppm	30	 	



C.A.P. Marina, Inc. 22 Sisson St., 22 Sisson St. ALEXANDRIA BAY, NY JS 13607 Contact: CAROL WARD cward@tiyachtspa.com T:

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.

 Depot:
 VP630707

 Unique No:
 11033677

 Signed:
 Don Baldridge

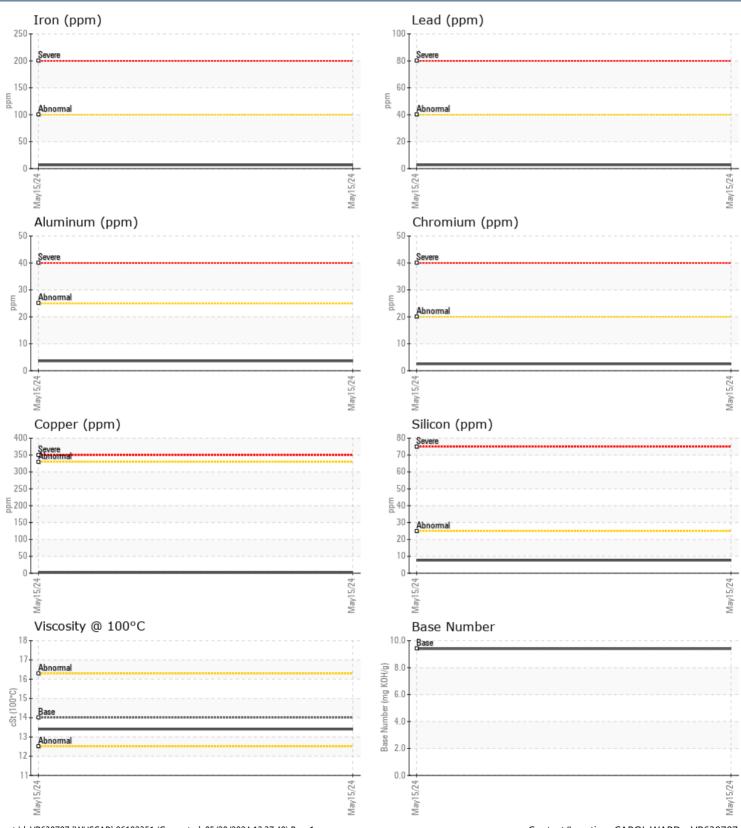
 Report Date:
 20 May 2024

Contact/Location: CAROL WARD - VP630707

OIL ANALYSIS REPORT



GRAPHS



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