OIL ANALYSIS REPORT

JASON MIDDLETON 19634 A226754 - STARBOARD MAIN ENGINE

Sample No: VPA062125 Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number		VPA062125	 	
Sample Date		09 Jun 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.9	 	
Oxidation (PA)	%	54	 	
CONTAMINATION				
Water	%	NEG	 	
C 1.0/				
Soot %	%	0.2	 	
Nitration (PA)	%	0.2 47		
		_		
Nitration (PA)	%	47	 	
Nitration (PA) Sulfation (PA)	%	47 52	 	
Nitration (PA) Sulfation (PA) Glycol	% % %	47 52 NEG	 	
Nitration (PA) Sulfation (PA) Glycol Fuel	% % %	47 52 NEG <1.0	 	

WEAR METALS

Iron	ppm	11	 	
Copper	ppm	4	 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	61	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1071	 	
Magnesium	ppm	996	 	
Zinc	ppm	1194	 	
Phosphorus	ppm	1018	 	
Barium	ppm	0	 	
Boron	ppm	1	 	

Sea Power Ltd

2077 Amelia Ave SIDNEY, BC CA V8L 3Z8 Contact: Kayla Sousa service@seapower.ca T: (250)656-4341 F:

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 40 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP154139

 Unique No:
 5789902

 Signed:
 Kevin Marson

 Report Date:
 12 Jun 2024

Report Id: VP154139 [WCAMIS] 02640740 (Generated: 06/17/2024 08:26:51) Rev: 1

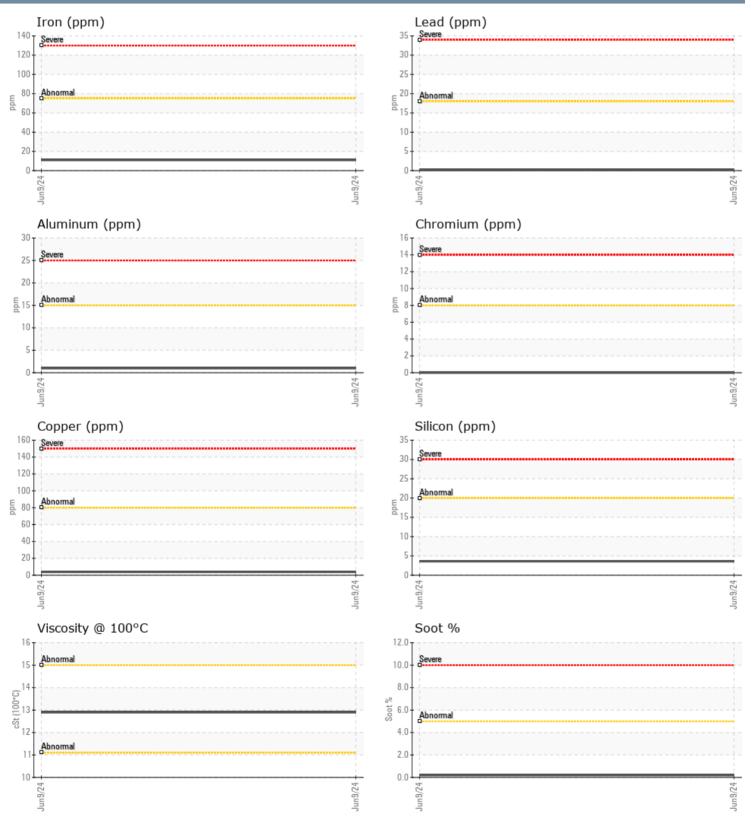
Contact/Location: Kayla Sousa - VP154139



OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: Kayla Sousa - VP154139