OIL ANALYSIS REPORT

ONAN 2 - GENSET

Sample No:VPA043576Oil Type:SHELL ROTELLA T 15W40

SAMPLE INFORMA	TION			
Sample Number Sample Date		VPA043576 10 Sep 2023	 	
Machine Hours		0	 	
Oil Hours Oil Changed		0 Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.3	 	
Base Number (BN)	mg KOH/g	7.3	 	
Oxidation (PA)	%	63	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	4	 	
Potassium	ppm	3	 	

WEAR METALS

Iron	ppm	3	 	
Copper	ppm	 <1	 	
Lead	ppm	□<1	 	
Tin	ppm	□<1	 	
Aluminum	ppm	2	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	69	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	2133	 	
Magnesium	ppm	142	 	
Zinc	ppm	1226	 	
Phosphorus	ppm	987	 	
Barium	ppm	0	 	
Boron	ppm	156	 	

Strongs Water Club & Marina LLC PO BOX 1409 MATTITUCK, NY US 11952 Contact: JAN SCHARWACHTER jan@strongsmarine.com T: (631)298-4739 F: (631)298-4803

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:
 VP930782

 Unique No:
 10642981

 Signed:
 Don Baldridge

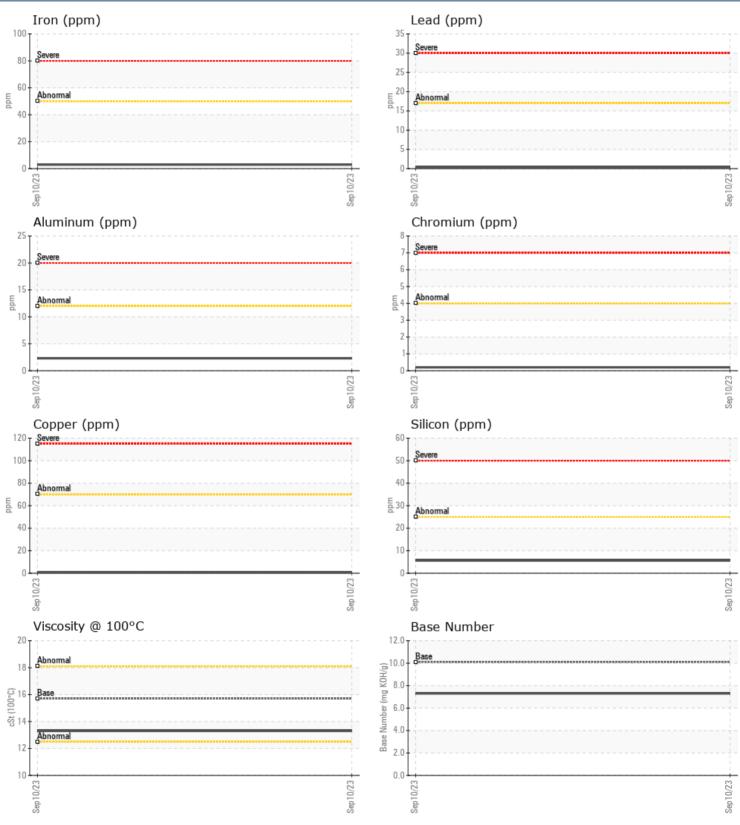
 Report Date:
 13 Sep 2023



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP930782 [WUSCAR] 05947022 (Generated: 09/13/2023 11:27:37) Rev: 1

Contact/Location: JAN SCHARWACHTER - VP930782