## **OIL ANALYSIS REPORT**



### WESTERBEKE 22412-C704 - GENSET

Sample No: VPA060874

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMAT	ION			
Sample Number		VPA060874	 	
Sample Date		20 Dec 2023	 	
Machine Hours		1000	 	
Oil Hours		1000	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>14.0</b>	 	
Base Number (BN)	mg KOH/g	7.5	 	
Oxidation (PA)	%	35	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	<b>0.1</b>	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	40	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	<b>■</b> <1	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	<b>1</b> 1	 	
Copper	ppm	2	 	
Lead	ppm	2	 	
Tin	ppm	<b>□</b> <1	 	
Aluminum	ppm	<b>4</b>	 	
Chromium	ppm	2	 	
Molybdenum		<b>109</b>	 	
Nickel	ppm ppm	0	 	
Titanium		0	 	
Silver	ppm	0	 	
	ppm	0	 	
Manganese Vanadium	ppm	0	 	
	ppm	U	 	
ADDITIVES				
Calcium	ppm	2891	 	
Magnesium	ppm	<b>1</b> 6	 	
Zinc	ppm	<b>1269</b>	 	
Phosphorus	ppm	<b>1097</b>	 	
Barium	ppm	0	 	
Boron	ppm	0	 	

#### **BEST MARINE**

24 RIVERVIEW AVE TARRYTOWN, NY US 10591 Contact: PETE ROESTENBERG PETEMARINE27@OUTLOOK.COM T: (516)807-5340 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.

 Depot:
 VPBESTAR

 Unique No:
 10823145

 Signed:
 Sean Felton

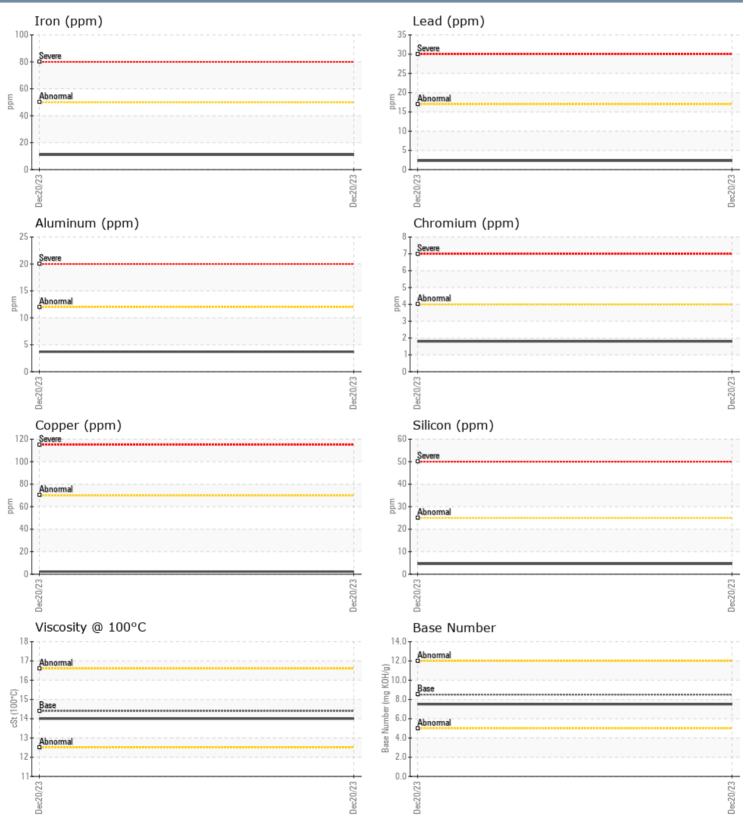
 Report Date:
 11 Jan 2024

Contact/Location: PETE ROESTENBERG - VPBESTAR

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPBESTAR [WUSCAR] 06057196 (Generated: 01/11/2024 16:28:16) Rev: 1

Contact/Location: PETE ROESTENBERG - VPBESTAR