## **OIL ANALYSIS REPORT**

### POWERS FUL CUMMINS/ONAN H190621324 - PORT GENSET

Sample No:VPA046438Oil Type:NOT GIVEN

#### SAMPLE INFORMATION

Sample Number		VPA046438	 	
Sample Date		25 Aug 2023	 	
Machine Hours		310	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.7</b>	 	
Base Number (BN)	mg KOH/g	7.3	 	
Oxidation (PA)	%	58	 	
CONTAMINATION				
Soot %	%	<b>0.1</b>	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	∎1	 	
Potassium	ppm	2	 	
		·		
WEAR METALS				

Iron	ppm	2	 	
Copper	ppm	<b></b> <1	 	
Lead	ppm	<b>■</b> <1	 	
Tin	ppm		 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm	0	 	
Molybdenum	ppm	102	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	<b></b> <1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

#### ADDITIVES

Calcium	ppm	1298	 	
Magnesium	ppm	692	 	
Zinc	ppm	885	 	
Phosphorus	ppm	710	 	
Barium	ppm	0	 	
Boron	ppm	133	 	

Marine International Diesels Inc. 3600 HACIENDA BLVD UNIT G

DAVIE, FL US 33314 Contact: ASHANTI BURKE aburke@midiflorida.com T: (954)761-1086 F: (954)761-1186

#### 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:
 VP694356

 Unique No:
 10622949

 Signed:
 Don Baldridge

 Report Date:
 30 Aug 2023

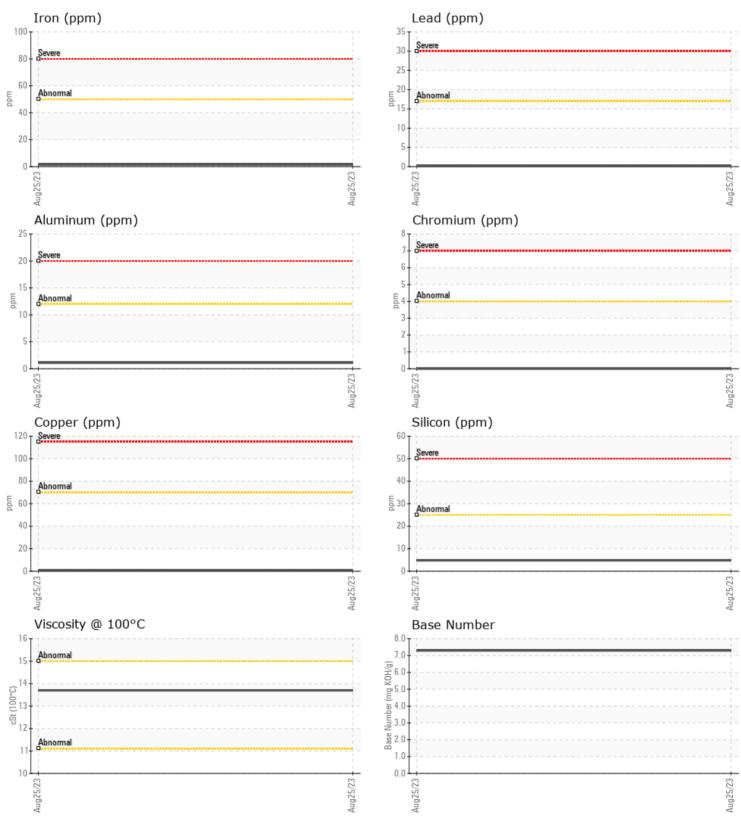
Contact/Location: ASHANTI BURKE - VP694356



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#### GRAPHS



Report Id: VP694356 [WUSCAR] 05937678 (Generated: 08/30/2023 15:49:14) Rev: 1

Contact/Location: ASHANTI BURKE - VP694356