OIL ANALYSIS REPORT

CRUISER GO VOLVO PENTA 70112043357 - PORT DIESEL ENGINE

Sample No: VPA045477

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA045477	 	
Sample Date		27 Sep 2023	 	
Machine Hours		40	 	
Oil Hours		40	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Visc @ 100°C	cSt	6 .1	 	
	mg KOH/g	6.4	 	
Base Number (BN)		41		
Oxidation (PA)	%	41	 	
CONTAMINATION				
CONTAPIINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	42	 	
Glycol	%	NEG	 	
Fuel	%	9 30.5	 	
Silicon	ppm	28	 	
Sodium	ppm	5	 	
Potassium	ppm	6	 	
	T.F.			
WFAR MFTAI S				

WEAR METALS

Iron	ppm	7	 	
Copper	ppm	1 9	 	
Lead	ppm	1	 	
Tin	ppm		 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	57	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1370	 	
Magnesium	ppm	172	 	
Zinc	ppm	902	 	
Phosphorus	ppm	764	 	
Barium	ppm	0	 	
Boron	ppm	37	 	

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

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.Metal levels are typical for a new component breaking in. There is a high amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP694356

 Unique No:
 10709758

 Signed:
 Sean Felton

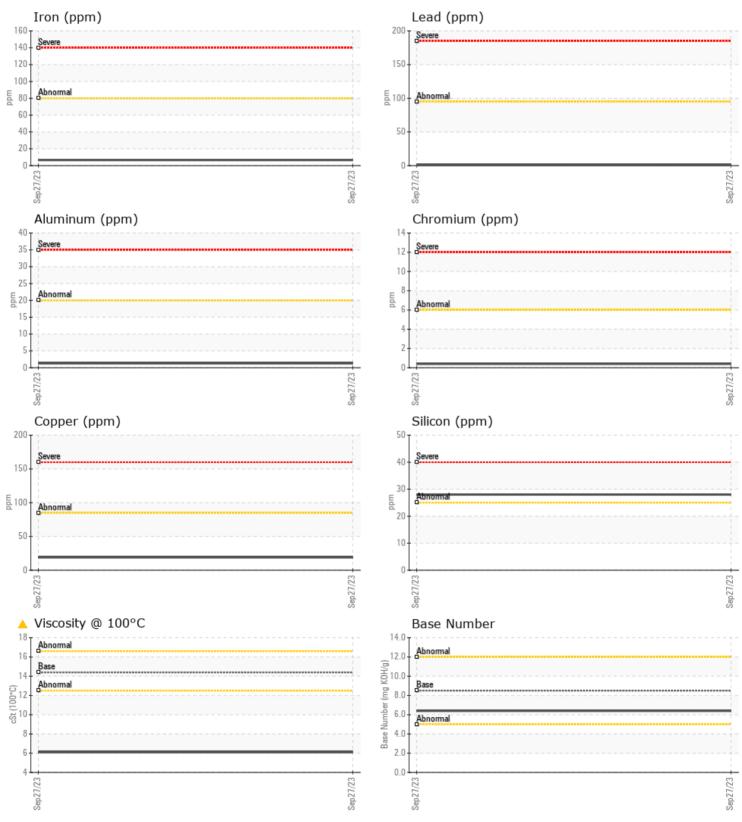
 Report Date:
 25 Oct 2023

Contact/Location: ASHANTI BURKE - VP694356

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP694356 [WUSCAR] 05987096 (Generated: 10/25/2023 14:50:06) Rev: 1

Contact/Location: ASHANTI BURKE - VP694356