OIL ANALYSIS REPORT

JEWEL EB44-01 505658 VOLVO PENTA A395382 - PORT DIESEL ENGINE

Sample No: VPA035490

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA035490	 	
Sample Date		07 Dec 2021	 	
Machine Hours		559	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.72	 	
Base Number (BN)	mg KOH/g	8.3	 	
Oxidation (PA)	%	68	 	
CONTAMINATION				
Soot %	%	0.4	 	
		64		
Nitration (PA)	%		 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	3	 	
Potassium	ppm	5	 	

WEAR METALS

Iron	ppm	26	 	
Copper	ppm	6	 	
Lead	ppm	3	 	
Tin	ppm	1	 	
Aluminum	ppm	20	 	
Chromium	ppm	2	 	
Molybdenum	ppm	13	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	2063	 	
Magnesium	ppm	211	 	
Zinc	ppm	1181	 	
Phosphorus	ppm	1015	 	
Barium	ppm	0	 	
Boron	ppm	101	 	

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

No corrective action is recommended at this time. 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:
 9772785

 Signed:
 Doug Bogart

 Report Date:
 09 Dec 2021

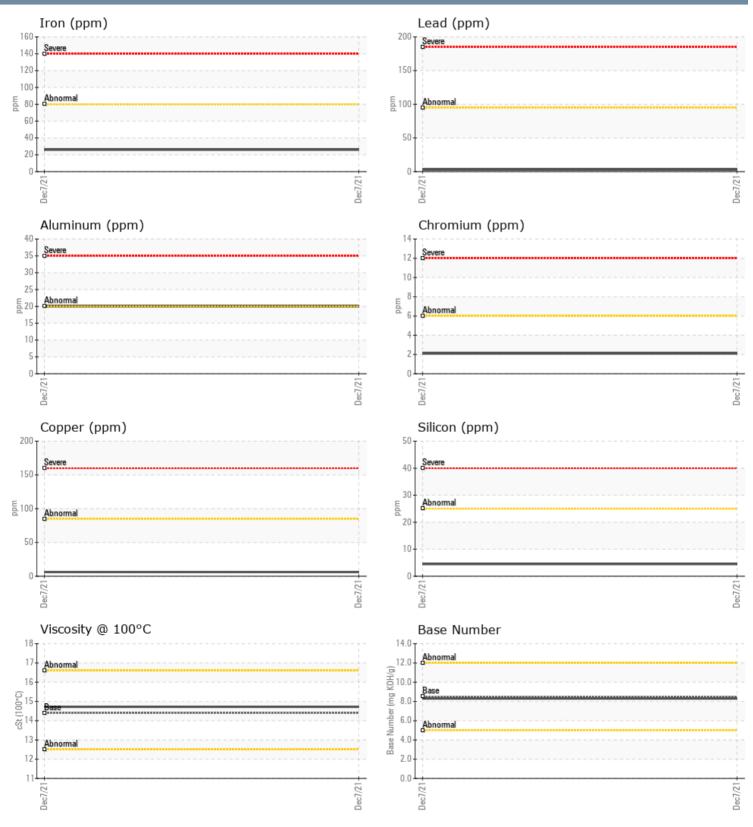
Contact/Location: ASHANTI BURKE - VP694356



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GRAPHS



Contact/Location: ASHANTI BURKE - VP694356