OIL ANALYSIS REPORT

MISS SCATT VOLVO PENTA 70112012574 - STARBOARD DIESEL ENGINE

Sample No: VPA049765

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA049765	 	
Sample Date		12 Dec 2023	 	
Machine Hours		358	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	63	 	
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CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	9	 	
		_		
WEAR METALS				
Iron	ppm	4	 	
Copper	ppm	1 0	 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	29	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	2570	 	
Magnesium	ppm	183	 	
Zinc	ppm	1094	 	
Phosphorus	ppm	866	 	

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:
 10806568

 Signed:
 Angela Borella

 Report Date:
 28 Dec 2023

ppm

ppm

Barium

Boron

0 🔲

108

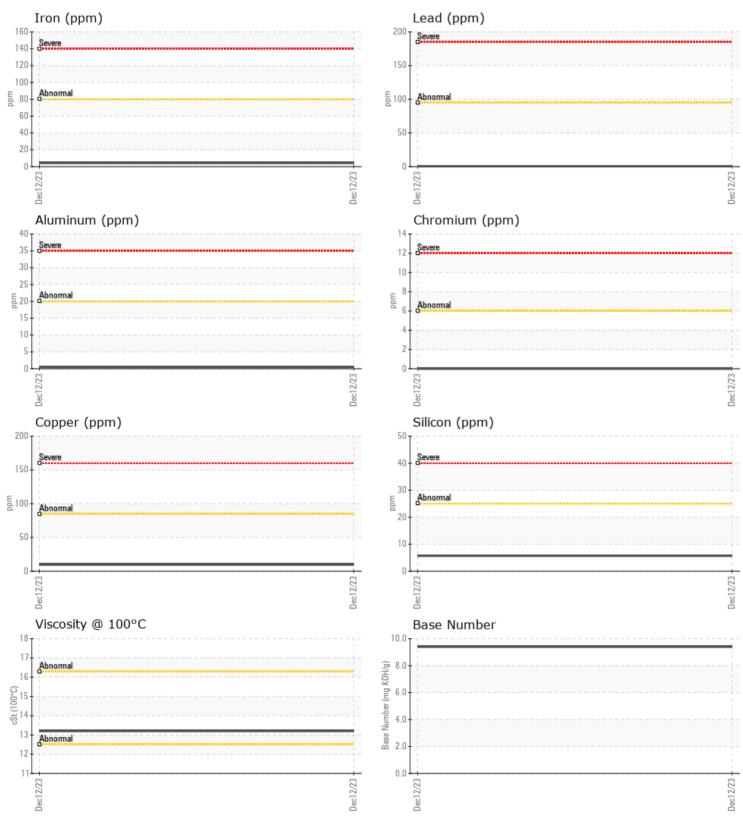
Contact/Location: ASHANTI BURKE - VP694356



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP694356 [WUSCAR] 06045960 (Generated: 12/28/2023 14:05:16) Rev: 1

Contact/Location: ASHANTI BURKE - VP694356