OIL ANALYSIS REPORT

VOLVO PENTA A414377 - PORT DIESEL ENGINE JOE FUSCO JOE FUSCO

Sample No: VPA012854

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

ample Number		VPA012854	VPA028999	
ample Date		30 Mar 2024	30 Sep 2020	
1achine Hours		609	321	
il Hours		109	40	
il Changed		Not Changd	Not Changd	
mple Status		NORMAL	NORMAL	
OIL CONDITION				
sc @ 100°C	cSt	15.6	13.8	
ase Number (BN)	mg KOH/g	11.6		
xidation (PA)	%	68	58	
ONTAMINATION				
ater	%	NEG	NEG	
oot %	%	0.5	0.3	
itration (PA)	%	63	48	
ulfation (PA)	%	57	55	
lycol	%	NEG	NEG	
ıel	%	<1.0	< 1.0	
icon	ppm	10	4	
dium	ppm	2	□ <1	
tassium	ppm	 <1	 < 1	
VEAR METALS				
on	ppm	1 8	11	
opper	ppm	4	3	
ad	ppm	1	 <1	
1	ppm	0	 <1	
ıminum	ppm	4	2	
romium	ppm	■ <1	<1	
olybdenum	ppm	54	61	
ckel	ppm	 <1	<1	
tanium	ppm	0	0	
ver	ppm	0	<1	
anganese	ppm	 <1	 <1	
nadium	ppm	<1	0	
ADDITIVES				
alcium	ppm	1558	1000	
lagnesium	ppm	930	897	
าด	ppm	1407	1155	
osphorus	ppm	998	972	
rium	ppm	0	 <1	
ron	ppm	23	5	

ockwood Boat Works Inc

825 Highway 35, Morgan OUTH AMBOY, NJ JS 08879 ontact: Ellen Lockwood en@lockwoodboatworks.com;maryann@lockwoodboatworks.com

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.

Contact/Location: Ellen Lockwood - VP153187

Report Date:

VP153187

10955659

Don Baldridge

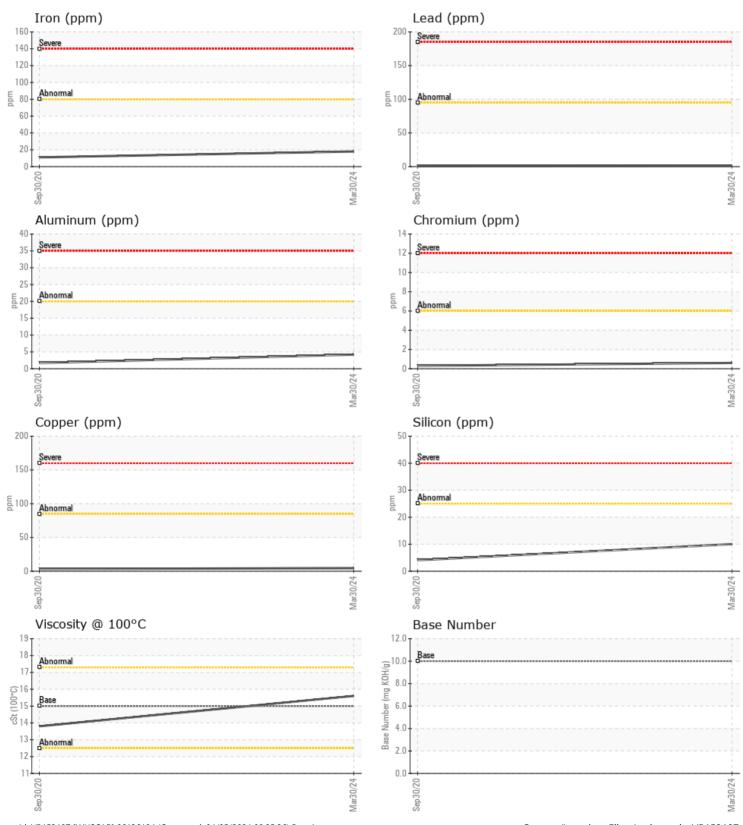
04 Apr 2024



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GRAPHS



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Contact/Location: Ellen Lockwood - VP153187