OIL ANALYSIS REPORT

3711/GT50-01 VOLVO PENTA 7008446813 - PORT DIESEL ENGINE

Sample No: VPA054960

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

Sample Number		VPA054960	 	
Sample Date		03 May 2024	 	
Machine Hours		1531	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.2	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	65	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.5	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	13	 	
Sodium	ppm	_ _<1	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	1 8	 	
Copper	ppm	59	 	
Lead	ppm	<1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	2	 	
Molybdenum	ppm	4 4	 	
Nickel	ppm	3	 	
Titanium	ppm	■ <1	 	
Silver	ppm	3	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1654	 	
Magnesium	ppm	466	 	
Zinc	ppm	1233	 	
Phosphorus	ppm	1125	 	
		2	 	
Barium	ppm			



GRAND BANKS

450 SW SALEM RD STUART, FL JS 34994 Contact: ROBERT ANTONA roberta@gbmarinegroup.com T: (609)384-5290 -.

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 suitable for further service.

 Depot:
 VP531377

 Unique No:
 11022886

 Signed:
 Sean Felton

 Report Date:
 14 May 2024

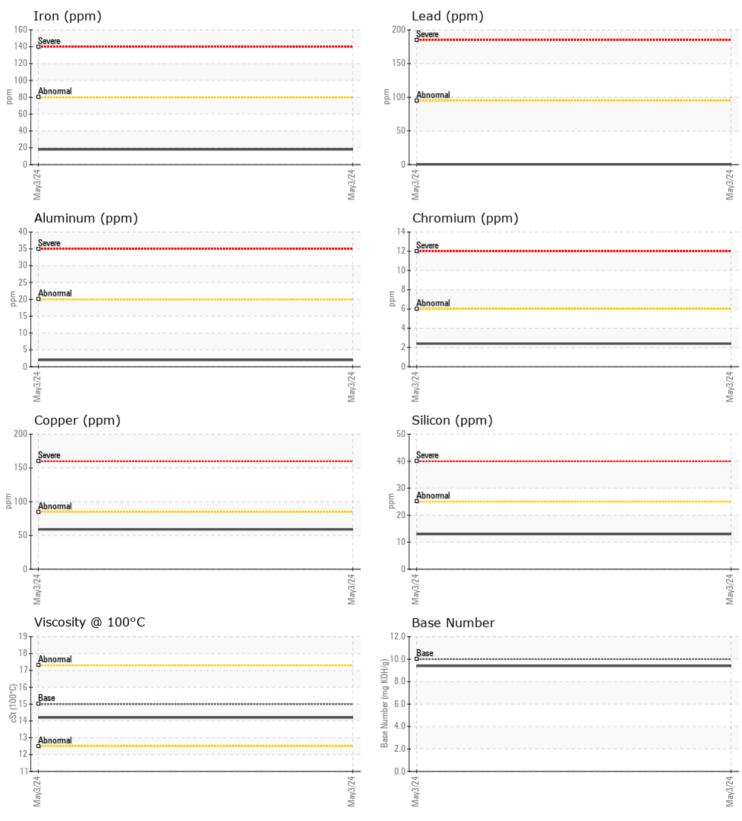
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Contact/Location: ROBERT ANTONA - VP531377

OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: ROBERT ANTONA - VP531377