OIL ANALYSIS REPORT

DINSMOORE 4364 VOLVO PENTA 7011441692 - STARBOARD DIESEL ENGINE

Sample No: VPA060806

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

SAMPLE INFURMA	TUN			
Sample Number		VPA060806	 	 _
Sample Date		26 Feb 2024	 	
Machine Hours		516	 	
Oil Hours		10	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.0	 	
Base Number (BN)	mg KOH/g	10.3	 	
Oxidation (PA)	%	72	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	1	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	3	 	
Copper	ppm	9	 	
Lead	ppm	■<1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	42	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	 <1	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1435	 	
Magnesium	ppm	629	 	
Zinc	ppm	1024	 	
Phosphorus	ppm	830	 	



Jas Marine Service Inc 3131 SW 2Nd Ave. FORT LAUDERDALE, FL US 33315 Contact: JASON TOLEDO iason@jasmarine.com T: (954)462-1112

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:
 VP426065

 Unique No:
 10903168

 Signed:
 Doug Bogart

 Report Date:
 01 Mar 2024

ppm

ppm

0 🔲

48

Barium

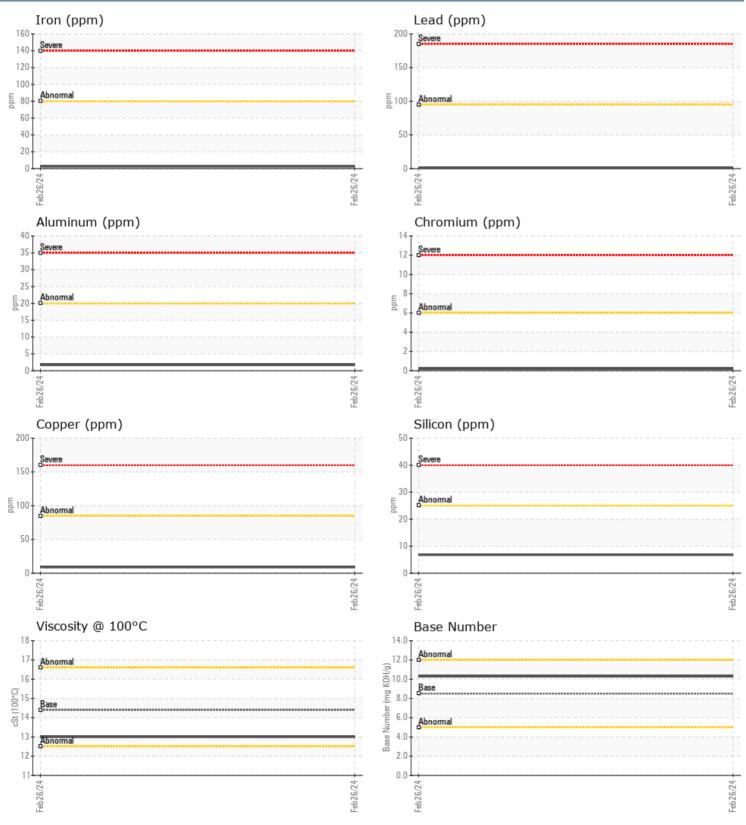
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Contact/Location: JASON TOLEDO - VP426065

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP426065 [WUSCAR] 06104938 (Generated: 03/01/2024 10:55:20) Rev: 1

Contact/Location: JASON TOLEDO - VP426065