OIL ANALYSIS REPORT

VOLVO PENTA 7012465747 - PORT DIESEL ENGINE

Sample No: VPA048477

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

Sample Number		VPA048477	 	
Sample Date		23 Aug 2022	 	
Machine Hours		1085	 	
Oil Hours		1085	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)	mg KOH/g	11.2	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
Soot %	%	0.8	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	2	 	
Sodium	ppm	0	 	
Potassium	ppm	1	 	
WEAR METALS				
Iron	ppm	∎4	 	
Copper	ppm	1	 	
Lead	ppm	■ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	□ <1	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	62	 	
Nickel	ppm	0	 	
INICKEI	10.10.100	0	 	
Titanium	ppm			
	ppm	0	 	
Titanium Silver Manganese		□ 0 □ <1	 	
Titanium Silver	ppm			
Titanium Silver Manganese	ppm ppm	■ <1	 	
Titanium Silver Manganese Vanadium	ppm ppm	■ <1	 	
Titanium Silver Manganese Vanadium ADDITIVES	ppm ppm ppm	■ <1 0	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium	ppm ppm ppm ppm	<pre><1 0 1088</pre>	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium	ppm ppm ppm ppm ppm	<pre><1 0 1088 951</pre>	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm	<pre><1 0 1088 951 1313</pre>	 	



4517 Dunning Road NORFOLK, VA US 23518 Contact: WALTER CLARK ychtfixer@aol.com T: F[.]

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 suitable for further service.

 Depot:
 VP151520

 Unique No:
 10111126

 Signed:
 Don Baldridge

 Report Date:
 27 Aug 2022

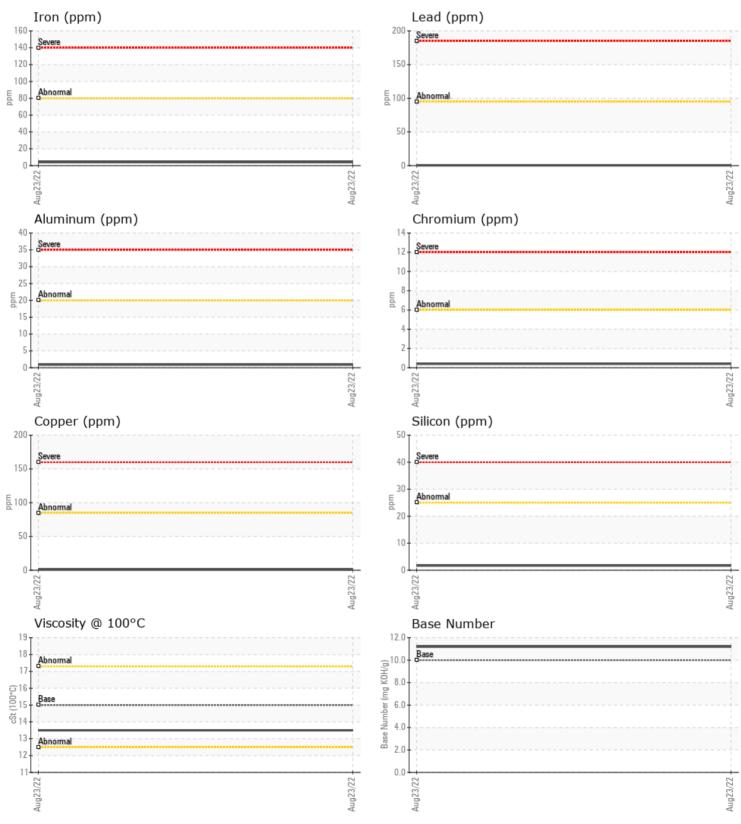
Contact/Location: WALTER CLARK - VP151520



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151520 [WUSCAR] 05626605 (Generated: 07/24/2023 14:08:20) Rev: 1

Contact/Location: WALTER CLARK - VP151520